

Converting Colors

XYZ(77.2397, 91.0927, 95.6751)

Have a look what the booklet for
XYZ(77.2397, 91.0927, 95.6751)
contains.

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Color

**XYZ(77.2203, 91.0767,
95.9477)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFFF0
RGB	207, 255, 240
RGB Percent	81%, 100%, 94%
CMY	0.1882, 0.0000, 0.0588
CMYK	0.19, 0.00, 0.06, 0.00
HSL	161°, 100%, 91%
HSV	161°, 19%, 100%
XYZ	77.2203, 91.0767, 95.9477
YIQ	238.9380, -23.7930, -14.8410

Conversions

Conversions Part 2

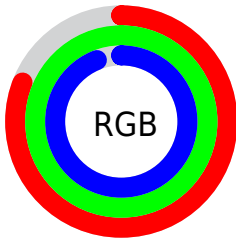
Format	Color
R_{YB}	207, 235, 255
Decimal	13631472
CIE Lab	96.44, -18.11, 2.12
CIE LCh	96, 18.233, 173.320
Yxy	91.0767, 0.2922, 0.3447
Android (android.graphics.Color)	4291821552 (0xFFCFFF0)
YUV	238.9380, 0.5236, -28.0096
Hunter-Lab	95.4341, -22.5768, 7.1948

Details

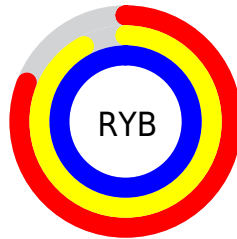
The XYZ color **77.2203, 91.0767, 95.9477** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.7382, 71.1606, 78.7983**, and the grayscale version is **82.0048, 86.2755, 93.9540**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7947, 50.5243, 52.8967** is the 20% darker color. If you saturate the color by 10%, you get **69.5043, 87.2327, 89.5434**, and if you desaturate by 10%, it is **86.1406, 95.5354, 102.6826**.

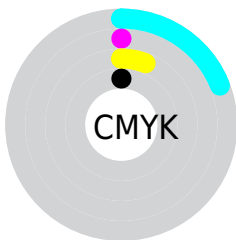
Distribution



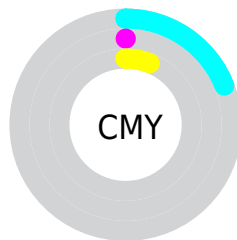
- Red (81%)
- Green (100%)
- Blue (94%)



- Red (81%)
- Yellow (92%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2203, 91.0767, 95.9477 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.2203, 91.0767, 95.9477 by changing the saturation by 10% instead.

77.2203, 91.0767,
95.9477

77.2203, 91.0767,
95.9477

474.3952,
531.5271, 568.2562

57.7343, 68.8740,
72.3228

128.4216,
148.8331, 157.5801

41.8375, 50.6091,
52.9339

160.8676,
185.1555, 196.4246

29.1646, 35.8976,
37.3627

198.3642,
226.9534, 241.1793

19.3503, 24.3551,
25.1904

241.2769,
274.6110, 292.2629

12.0292, 15.5973,
15.9987

289.9710,
328.5128, 350.0939

6.8359, 9.2396,
9.3689

344.8119,

3.4051, 4.8978,

389.0432, 415.0907

4.8825

406.1648,
456.5865, 487.6719

■ 1.3714, 2.1874,
2.1209

■ 0.2357, 0.7131,
0.6282

■ 77.2203, 91.0767,
95.9477

■ 77.2203, 91.0767,
95.9477

■ 69.5043, 87.2327,
89.5434

■ 86.1406, 95.5354,
102.6826

■ 62.9342, 83.9735,
83.4592

95.0500, 100.0000,
108.9000

■ 57.4504, 81.2685,
77.6903

■ 52.9870, 79.0838,
72.2300

■ 49.4706, 77.3816,
67.0712

■ 46.8173, 76.1187,
62.2063

■ 44.9281, 75.2442,
57.6268

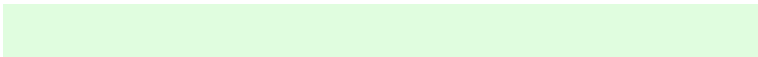
■ 43.6595, 74.6841,
53.3221

■ 43.5292, 74.6277,
52.8322

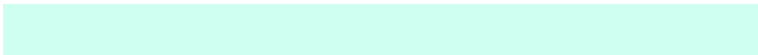
Harmonies

Analogous

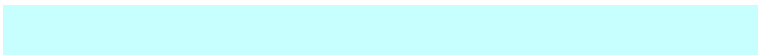
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9645, 91.0767, 83.3747



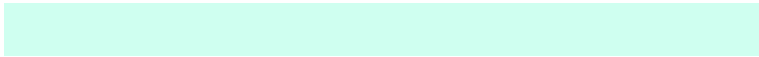
77.2203, 91.0767, 95.9477



77.9004, 91.0767, 110.6607

Triad

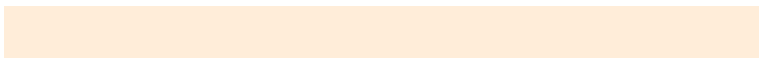
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2203, 91.0767, 95.9477



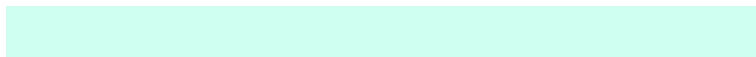
90.4910, 91.0767, 127.1442



92.5337, 91.0767, 78.3777

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



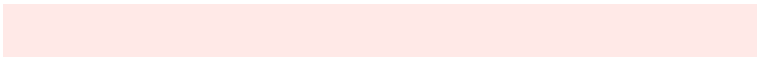
77.2203, 91.0767, 95.9477



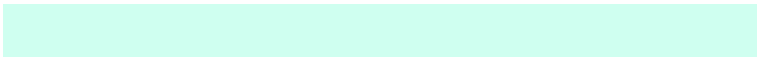
76.7382, 71.1606, 78.7983

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8508, 91.0767, 88.4981



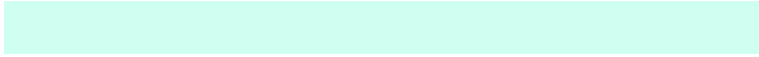
77.2203, 91.0767, 95.9477



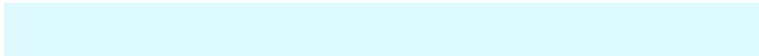
94.6396, 91.0767, 116.8373

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



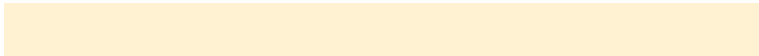
77.2203, 91.0767, 95.9477



85.4341, 91.0767, 129.6336



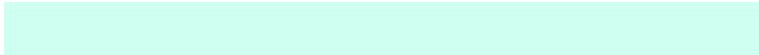
96.6362, 91.0767, 102.4576



87.7071, 91.0767, 73.8922

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



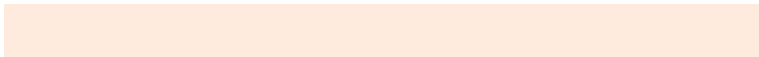
77.2203, 91.0767, 95.9477



79.6506, 91.0767, 119.6284



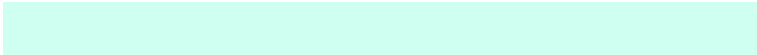
96.6362, 91.0767, 102.4576



93.8698, 91.0767, 81.1829

Sweetspot

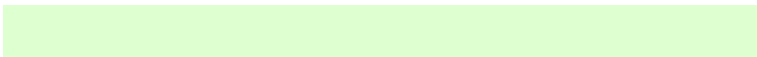
The Sweet Spot groups the original color and five complimentary colors.



77.2212, 91.0771, 95.9492



88.8831, 96.9087, 104.6433



77.2087, 91.5865, 72.6415



18.8869, 20.6735, 22.3004



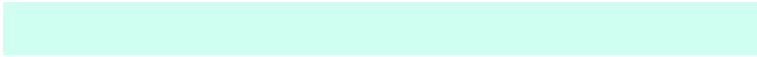
0.0000, 0.0000, 0.0000



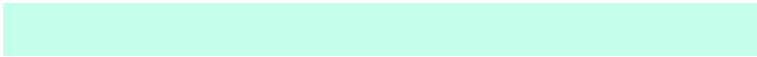
20.3446, 21.4041, 23.3091

Same Dimension

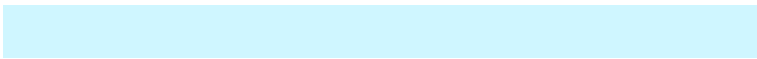
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2212, 91.0771, 95.9492



73.8545, 89.3981, 93.2338



76.7995, 86.5192, 107.2599



18.2991, 20.3792, 21.8778



22.8153, 39.0227, 27.9766



2.2708, 3.8192, 2.9836

Inverse Universe

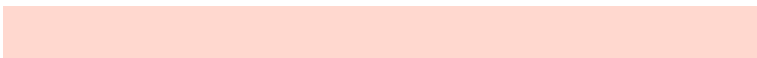
The Inverse Universe completely reimagines the original color for something new.



76.7382, 71.1606, 78.7983



73.2832, 65.7876, 72.9082



77.0078, 74.7753, 69.4072



18.2431, 18.0806, 19.8975



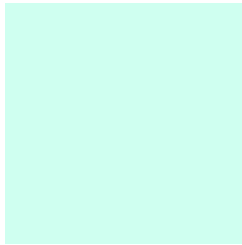
22.3581, 11.4325, 5.2702



2.2237, 1.1318, 0.7594

Previews

White Background



This preview shows how the XYZ color 77.2203, 91.0767, 95.9477 looks on a white background.

Color Contrast Check

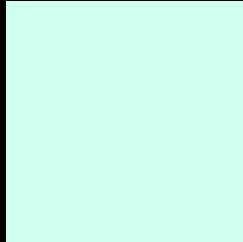
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.2203, 91.0767, 95.9477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

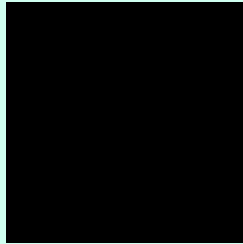
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

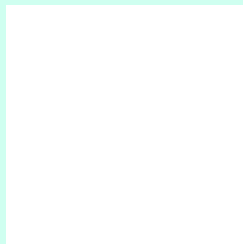
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.2203, 91.0767, 95.9477

Background



This preview shows how black text looks on a background with the XYZ color 77.2203, 91.0767, 95.9477.



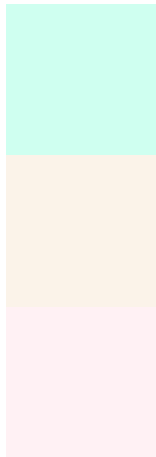
This preview shows how white text looks on a background with the XYZ color 77.2203, 91.0767,

95.9477.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.2203, 91.0767, 95.9477

Protanopia

86.5422, 90.4936, 89.9965

Deuteranopia

89.0244, 90.7022, 98.4031



Tritanopia

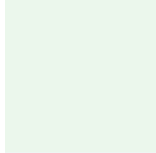
84.5895, 90.8973, 107.6943

Trichromacy



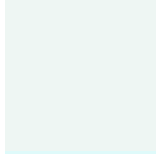
Original Color

77.2203, 91.0767, 95.9477



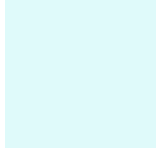
Protanomaly

82.6620, 90.2398, 92.4182



Deuteranomaly

84.3933, 90.5597, 97.8258



Tritanomaly

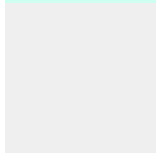
81.8724, 90.9613, 103.6846

Monochromacy



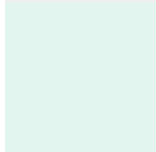
Original Color

77.2203, 91.0767, 95.9477



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

79.9109, 87.8677, 94.4098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2203, 91.0767, 95.9477 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 77.2203, 91.0767, 95.9477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 255, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 255, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(207, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2203, 91.0767, 95.9477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
255, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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