

Converting Colors

XYZ(77.1993, 91.0538, 96.4926)

Have a look what the booklet for
XYZ(77.1993, 91.0538, 96.4926)
contains.

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Color

**XYZ(77.3693, 91.1363,
96.7324)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFFF1
RGB	207, 255, 241
RGB Percent	81%, 100%, 95%
CMY	0.1882, 0.0000, 0.0549
CMYK	0.19, 0.00, 0.05, 0.00
HSL	163°, 100%, 91%
HSV	163°, 19%, 100%
XYZ	77.3693, 91.1363, 96.7324
YIQ	239.0520, -24.1140, -14.5300

Conversions

Conversions Part 2

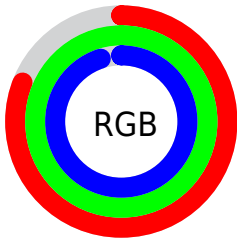
Format	Color
R_{YB}	207, 235, 255
Decimal	13631473
CIE _{Lab}	96.47, -17.91, 1.64
CIE _{LCh}	96, 17.990, 174.763
Yxy	91.1363, 0.2917, 0.3436
Android (android.graphics.Color)	4291821553 (0xFFCFFF1)
YUV	239.0520, 0.9604, -28.1096
Hunter-Lab	95.4653, -22.4001, 6.7488

Details

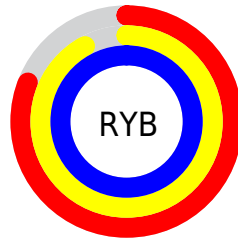
The XYZ color **77.3693, 91.1363, 96.7324** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.6045, 71.1071, 78.0943**, and the grayscale version is **82.0904, 86.3655, 94.0521**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8999, 50.5663, 53.4509** is the 20% darker color. If you saturate the color by 10%, you get **69.7229, 87.3201, 90.6944**, and if you desaturate by 10%, it is **86.2134, 95.5645, 103.0661**.

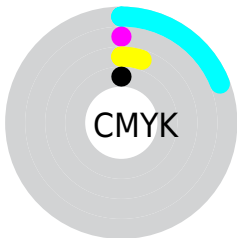
Distribution



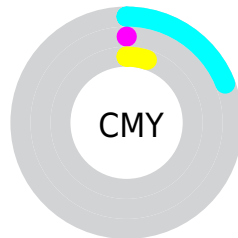
- Red (81%)
- Green (100%)
- Blue (95%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3693, 91.1363, 96.7324 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 77.3693, 91.1363, 96.7324 by changing the saturation by 10% instead.

77.3693, 91.1363,
96.7324

77.3693, 91.1363,
96.7324

474.8949,
531.7203, 570.8217

57.8570, 68.9235,
72.9729

128.6307,
148.9158, 158.6719

41.9365, 50.6494,
53.4621

161.1106,
185.2512, 197.6890

29.2425, 35.9297,
37.7815

198.6437,
227.0629, 242.6290

19.4095, 24.3799,
25.5127

241.5953,
274.7354, 293.9104

12.0723, 15.6156,
16.2369

290.3309,
328.6530, 351.9519

6.8655, 9.2526,
9.5358

345.2158,

3.4237, 4.9063,

389.2000, 417.1719

4.9907

406.6153,
456.7610, 489.9890

■ 1.3816, 2.1924,
2.1832

■ 0.2431, 0.7158,
0.6646

■ 77.3693, 91.1363,
96.7324

■ 77.3693, 91.1363,
96.7324

■ 69.7229, 87.3201,
90.6944

■ 86.2134, 95.5645,
103.0661

■ 63.2158, 84.0862,
84.9423

95.0500, 100.0000,
108.9000

■ 57.7887, 81.4039,
79.4718

■ 53.3758, 79.2393,
74.2770

■ 49.9036, 77.5548,
69.3516

■ 47.2887, 76.3072,
64.6886

■ 45.4320, 75.4457,
60.2803

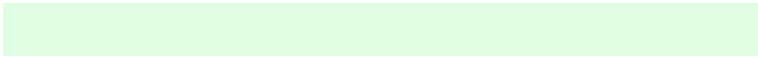
■ 44.1902, 74.8964,
56.1169

■ 44.0628, 74.8411,
55.6417

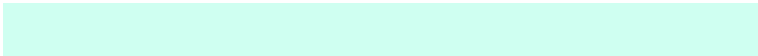
Harmonies

Analogous

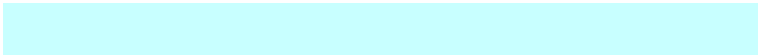
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9818, 91.1363, 84.1347



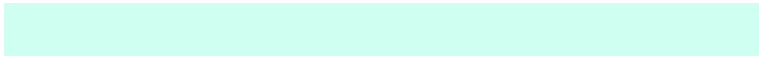
77.3693, 91.1363, 96.7324



78.1571, 91.1363, 111.2562

Triad

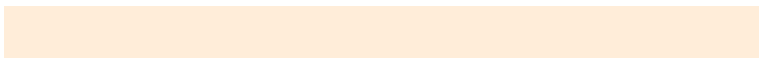
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3693, 91.1363, 96.7324



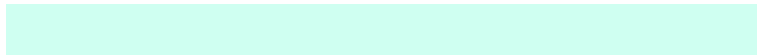
90.7249, 91.1363, 126.4835



92.3064, 91.1363, 78.3396

Complementary

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



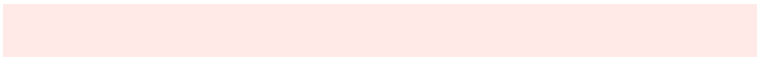
77.3693, 91.1363, 96.7324



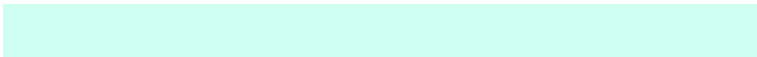
76.6045, 71.1071, 78.0943

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.



95.6777, 91.1363, 88.1069



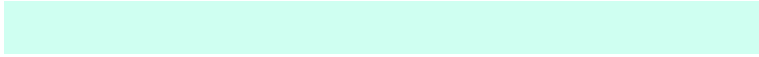
77.3693, 91.1363, 96.7324



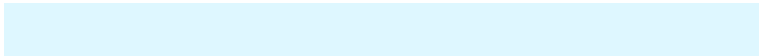
94.7403, 91.1363, 116.0351

Square

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



77.3693, 91.1363, 96.7324



85.7451, 91.1363, 129.3551



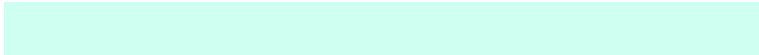
96.5851, 91.1363, 101.7742



87.5055, 91.1363, 74.1909

Rectangle

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



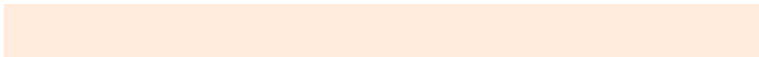
77.3693, 91.1363, 96.7324



79.9538, 91.1363, 119.9790



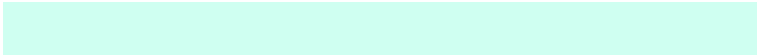
96.5851, 91.1363, 101.7742



93.6516, 91.1363, 81.0261

Sweetspot

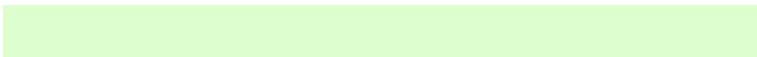
The Sweet Spot groups the original color and five complimentary colors.



77.3702, 91.1367, 96.7339



88.9332, 96.9287, 104.9072



76.9639, 91.4603, 72.6300



18.8988, 20.6782, 22.3628



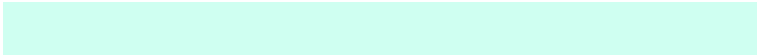
0.0000, 0.0000, 0.0000



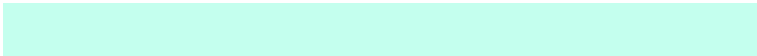
20.3446, 21.4041, 23.3091

Same Dimension

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



77.3702, 91.1367, 96.7339



74.0333, 89.4696, 94.1757



76.5564, 86.0331, 107.1788



18.3158, 20.3858, 21.9660



23.0920, 39.1334, 29.4334



2.2960, 3.8293, 3.1167

Inverse Universe

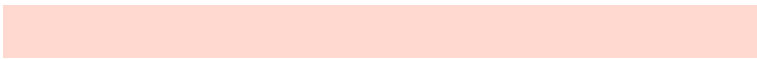
The Inverse Universe completely reimagines the original color for something new.



76.6045, 71.1071, 78.0943



73.1270, 65.7252, 72.0858



77.2130, 75.1857, 69.4756



18.2272, 18.0742, 19.8138



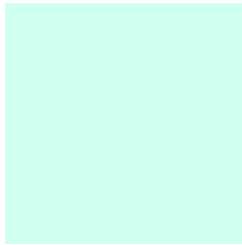
22.2571, 11.3921, 4.7386



2.2122, 1.1273, 0.6990

Previews

White Background



This preview shows how the XYZ color 77.3693, 91.1363, 96.7324 looks on a white background.

Color Contrast Check

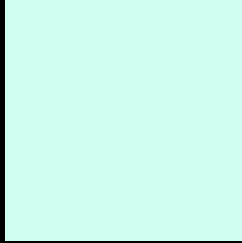
Large Text (above 18pt) WCAG AA × Fail

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 77.3693, 91.1363, 96.7324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

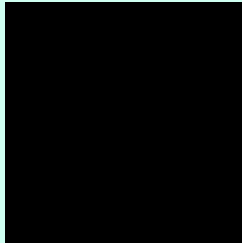
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

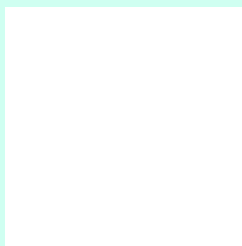
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.3693, 91.1363, 96.7324

Background



This preview shows how black text looks on a background with the XYZ color 77.3693, 91.1363, 96.7324.



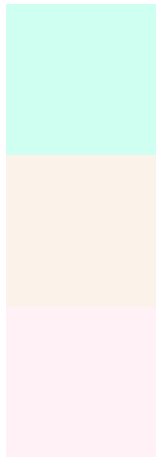
This preview shows how white text looks on a background with the XYZ color 77.3693, 91.1363,

96.7324.

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

77.3693, 91.1363, 96.7324

Protanopia

86.6855, 90.5509, 90.7512

Deuteranopia

89.1767, 90.7632, 99.2051



Tritanopia

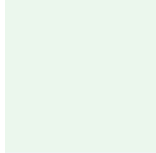
84.5895, 90.8973, 107.6943

Trichromacy



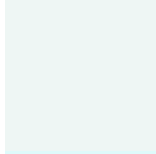
Original Color

77.3693, 91.1363, 96.7324



Protanomaly

82.8078, 90.2981, 93.1856



Deuteranomaly

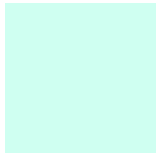
84.5448, 90.6203, 98.6234



Tritanomaly

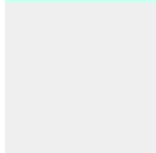
81.8724, 90.9613, 103.6846

Monochromacy



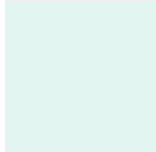
Original Color

77.3693, 91.1363, 96.7324



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

80.0591, 87.9270, 95.1901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3693, 91.1363, 96.7324 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 77.3693, 91.1363, 96.7324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

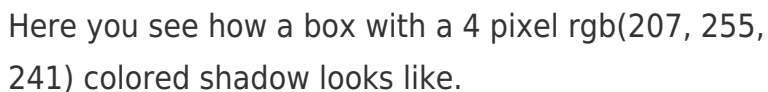
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 255, 241) }
```


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

```
.border{ border-color:rgb(207, 255, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 255, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 255, 241); box-shadow:4px 4px 4px 4px rgb(207, 255, 241) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3693, 91.1363, 96.7324 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, 241) }
```

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

```
.background{ background-color: rgb(207,  
255, 241) }
```

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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