

Converting Colors

XYZ(77.4183, 91.0917, 99.8883)

Have a look what the booklet for
XYZ(77.4183, 91.0917, 99.8883)
contains.

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Color

**XYZ(77.4183, 91.0917,
99.8883)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFFF5
RGB	205, 255, 245
RGB Percent	80%, 100%, 96%
CMY	0.1961, 0.0000, 0.0392
CMYK	0.20, 0.00, 0.04, 0.00
HSL	168°, 100%, 90%
HSV	168°, 20%, 100%
XYZ	77.4183, 91.0917, 99.8883
YIQ	238.9100, -26.5900, -13.7100

Conversions

Conversions Part 2

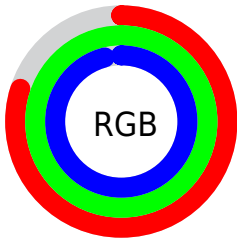
Format	Color
R _Y B	205, 233, 255
Decimal	13500405
CIE Lab	96.45, -17.74, -0.46
CIE LCh	96, 17.743, 181.480
Yxy	91.0917, 0.2884, 0.3394
Android (android.graphics.Color)	4291690485 (0xFFCDEFF5)
YUV	238.9100, 3.0024, -29.7391
Hunter-Lab	95.4420, -22.2322, 4.7573

Details

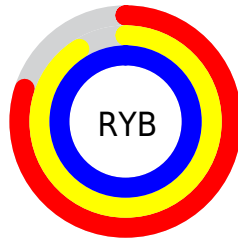
The XYZ color **77.4183, 91.0917, 99.8883** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.3378, 69.8302, 73.7983**, and the grayscale version is **81.9661, 86.2347, 93.9096**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9571, 50.5463, 55.6892** is the 20% darker color. If you saturate the color by 10%, you get **70.1805, 87.4492, 95.5427**, and if you desaturate by 10%, it is **85.8258, 95.3347, 104.4036**.

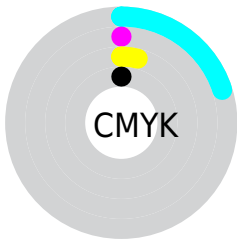
Distribution



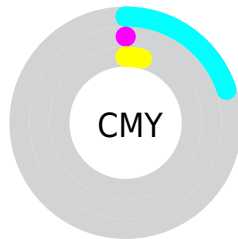
- Red (80%)
- Green (100%)
- Blue (96%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4183, 91.0917, 99.8883 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 77.4183, 91.0917, 99.8883 by changing the saturation by 10% instead.


 77.4183, 91.0917,
99.8883

 77.4183, 91.0917,
99.8883


475.0591,
531.5757, 581.0781

 57.8974, 68.8865,
75.5909


128.6995,
148.8539, 163.0542

 41.9691, 50.6192,
55.5925


161.1905,
185.1796, 202.7598

 29.2681, 35.9057,
39.4745


198.7355,
226.9810, 248.4385

 19.4290, 24.3614,
26.8184

241.7000,
274.6423, 300.5089

 12.0865, 15.6019,
17.2056

290.4492,
328.5481, 359.3895

 6.8753, 9.2429,
10.2177

345.3486,

 3.4298, 4.8999,

389.0826, 425.4989

5.4361

406.7634,
456.6304, 499.2556

■ 1.3849, 2.1887,
2.4421

■ 0.2455, 0.7138,
0.8093

■ 77.4183, 91.0917,
99.8883

■ 77.4183, 91.0917,
99.8883

■ 70.1805, 87.4492,
95.5427

■ 85.8258, 95.3347,
104.4036

■ 64.0539, 84.3771,
91.3587

95.0500, 100.0000,
108.9000

■ 58.9792, 81.8448,
87.3342

■ 54.8905, 79.8184,
83.4651

■ 51.7141, 78.2599,
79.7472

■ 49.3658, 77.1259,
76.1754

■ 47.7456, 76.3649,
72.7443

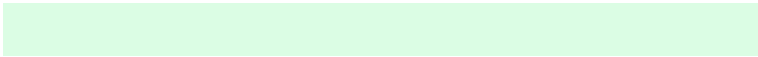
■ 46.6965, 75.8961,
69.4454

■ 46.6599, 75.8800,
69.3181

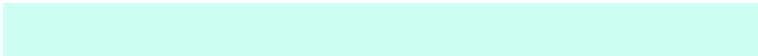
Harmonies

Analogous

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



78.4912, 91.0917, 86.7412



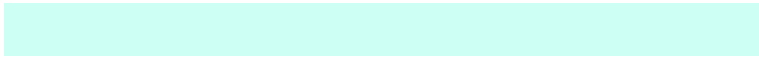
77.4183, 91.0917, 99.8883



78.7215, 91.0917, 114.0940

Triad

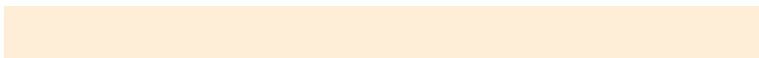
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.4183, 91.0917, 99.8883



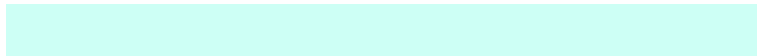
91.6407, 91.0917, 124.2667



91.1997, 91.0917, 77.1290

Complementary

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



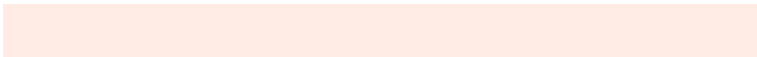
77.4183, 91.0917, 99.8883



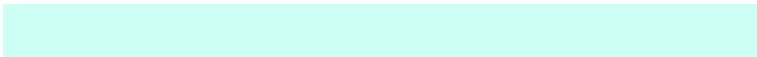
75.3378, 69.8302, 73.7983

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.



94.9447, 91.0917, 85.6320



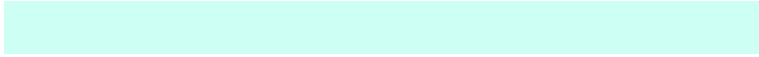
77.4183, 91.0917, 99.8883



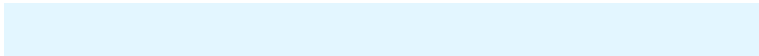
95.2061, 91.0917, 112.7619

Square

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



77.4183, 91.0917, 99.8883



86.8257, 91.0917, 128.9721



96.4372, 91.0917, 98.4818



86.3346, 91.0917, 74.3757

Rectangle

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



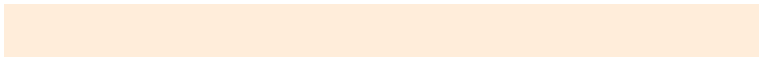
77.4183, 91.0917, 99.8883



80.7922, 91.0917, 122.0508



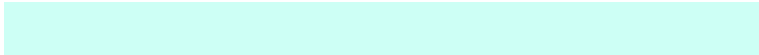
96.4372, 91.0917, 98.4818



92.6377, 91.0917, 79.3670

Sweetspot

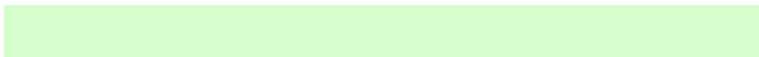
The Sweet Spot groups the original color and five complimentary colors.



77.4193, 91.0922, 99.8898



89.1547, 97.0173, 106.0732



74.8047, 90.3753, 71.2608



18.9512, 20.6992, 22.6390



0.0000, 0.0000, 0.0000



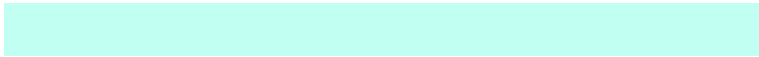
20.3446, 21.4041, 23.3091

Same Dimension

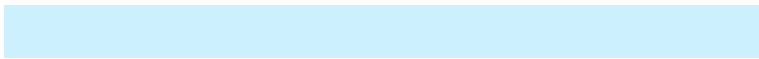
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4193, 91.0922, 99.8898



74.0985, 89.4196, 97.9597



74.3879, 82.5201, 106.6151



18.3900, 20.4155, 22.3567



24.4356, 39.6708, 36.5085



2.4169, 3.8777, 3.7532

Inverse Universe

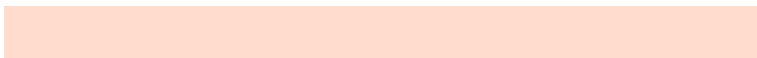
The Inverse Universe completely reimagines the original color for something new.



75.3378, 69.8302, 73.7983



71.6325, 64.2127, 67.0358



77.8534, 76.8552, 68.4905



18.1579, 18.0465, 19.4484



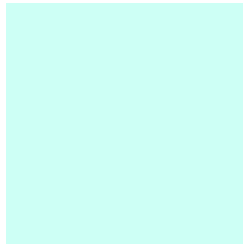
21.9026, 11.2503, 2.8716



2.1692, 1.1100, 0.4722

Previews

White Background



This preview shows how the XYZ color 77.4183, 91.0917, 99.8883 looks on a white background.

Color Contrast Check

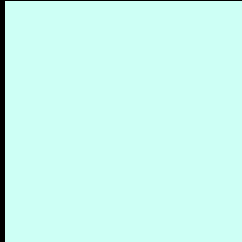
Large Text (above 18pt) WCAG AA × Fail

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 77.4183, 91.0917, 99.8883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

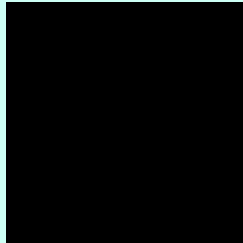
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

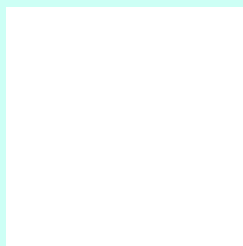
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.4183, 91.0917, 99.8883

Background



This preview shows how black text looks on a background with the XYZ color 77.4183, 91.0917, 99.8883.



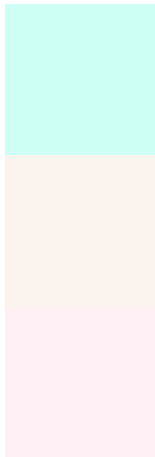
This preview shows how white text looks on a background with the XYZ color 77.4183, 91.0917,

99.8883.

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

77.4183, 91.0917, 99.8883

Protanopia

86.9075, 90.5982, 93.7956

Deuteranopia

89.0346, 90.2340, 99.9131



Tritanopia

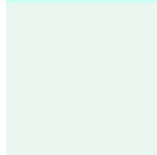
84.5895, 90.8973, 107.6943

Trichromacy



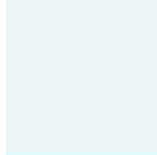
Original Color

77.4183, 91.0917, 99.8883



Protanomaly

83.0696, 90.3648, 96.2830



Deuteranomaly

84.2120, 89.9632, 100.1150



Tritanomaly

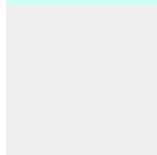
81.7224, 90.8658, 104.4984

Monochromacy



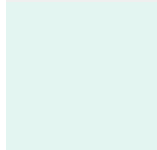
Original Color

77.4183, 91.0917, 99.8883



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

80.2081, 87.9866, 95.9748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4183, 91.0917, 99.8883 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(205, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 245)  
}
```

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(205, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 245) }
```

Border

The CSS property to change the border of an element to XYZ 77.4183, 91.0917, 99.8883 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(205, 255, 245) }
```


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

```
.border{ border-color:rgb(205, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4183, 91.0917, 99.8883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 245) }
```

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

```
.background{ background-color: rgb(205,  
255, 245) }
```

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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