

Converting Colors

XYZ(75.6525, 89.2082,
100.6742)

Have a look what the booklet for
XYZ(75.6525, 89.2082, 100.6742)
contains.

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Color

**XYZ(75.5792, 89.1837,
100.4195)**

Conversions

Conversions Part 1

Format	Color
Hex	C8FDF6
RGB	200, 253, 246
RGB Percent	78%, 99%, 96%
CMY	0.2157, 0.0078, 0.0353
CMYK	0.21, 0.00, 0.03, 0.01
HSL	172°, 93%, 89%
HSV	172°, 21%, 99%
XYZ	75.5792, 89.1837, 100.4195
YIQ	236.3550, -29.3410, -13.4130

Conversions

Conversions Part 2

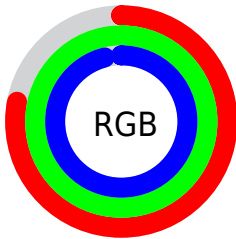
Format	Color
R _Y B	200, 228, 253
Decimal	13172214
CIE Lab	95.66, -18.06, -2.17
CIE LCh	96, 18.186, 186.838
Yxy	89.1837, 0.2850, 0.3363
Android (android.graphics.Color)	4291362294 (0xFFC8FDF6)
YUV	236.3550, 4.7550, -31.8833
Hunter-Lab	94.4371, -22.4092, 3.0601

Details

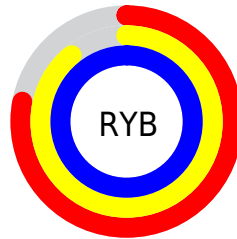
The XYZ color **75.5792, 89.1837, 100.4195** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.4279, 66.6985, 68.0919**, and the grayscale version is **79.9836, 84.1490, 91.6383**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7112, 49.2173, 56.0694** is the 20% darker color. If you saturate the color by 10%, you get **68.8654, 85.7837, 97.4524**, and if you desaturate by 10%, it is **83.4255, 93.1711, 103.4915**.

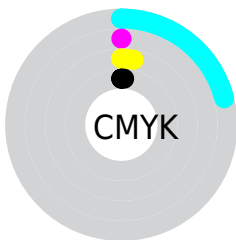
Distribution



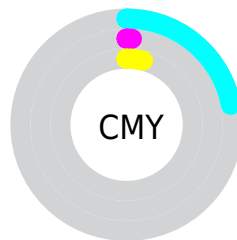
- Red (78%)
- Green (99%)
- Blue (96%)



- Red (78%)
- Yellow (89%)
- Blue (99%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (22%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5792, 89.1837, 100.4195 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 75.5792, 89.1837, 100.4195 by changing the saturation by 10% instead.

75.5792, 89.1837,
100.4195

75.5792, 89.1837,
100.4195

468.8726,
525.3719, 582.7950

56.3834, 67.3038,
76.0321

126.1154,
146.2040, 163.7905

40.7486, 49.3316,
55.9520

158.1866,
182.1132, 203.6111

28.3095, 34.8826,
39.7607

195.2801,
223.4676, 249.4132

18.7007, 23.5724,
27.0397

237.7615,
270.6516, 301.6153

11.5570, 15.0168,
17.3703

285.9961,
324.0497, 360.6360

6.5128, 8.8311,
10.3341

340.3493,

3.2029, 4.6312,

384.0462, 426.8938

5.5126

401.1863,
451.0254, 500.8073

■ 1.2620, 2.0325,
2.4871

■ 0.1545, 0.6263,
0.8333

■ 75.5792, 89.1837,
100.4195

■ 75.5792, 89.1837,
100.4195

■ 68.8654, 85.7837,
97.4524

■ 83.4255, 93.1711,
103.4915

■ 63.2214, 82.9318,
94.5815

■ 92.4477, 97.7614,
106.6652

■ 58.5900, 80.6009,
91.8057

■ 94.4169, 98.7337,
108.6890

■ 54.9058, 78.7572,
89.1217

■ 52.0955, 77.3630,
86.5258

■ 50.0750, 76.3749,
84.0138

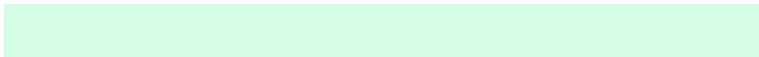
■ 48.7434, 75.7409,
81.5807

■ 47.9890, 75.3986,
79.4398

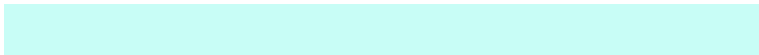
Harmonies

Analogous

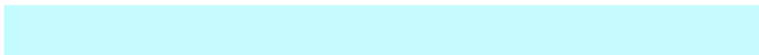
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2353, 89.1837, 86.6788



75.5792, 89.1837, 100.4195



77.3062, 89.1837, 114.5576

Triad

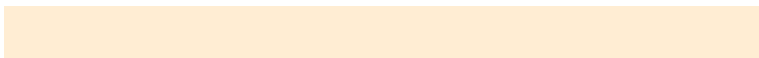
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5792, 89.1837, 100.4195



90.6591, 89.1837, 120.8379



88.6024, 89.1837, 73.9383

Complementary

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



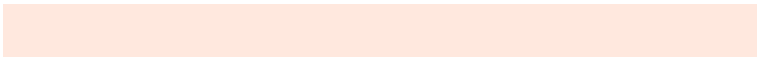
75.5792, 89.1837, 100.4195



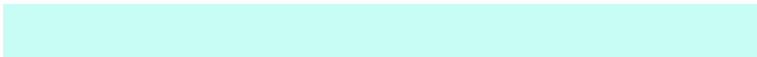
72.4279, 66.6985, 68.0919

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.



92.6918, 89.1837, 81.5232



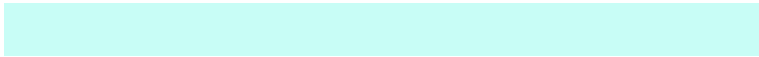
75.5792, 89.1837, 100.4195



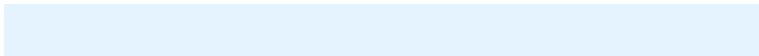
93.9114, 89.1837, 108.3373

Square

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



75.5792, 89.1837, 100.4195



85.9157, 89.1837, 127.0727



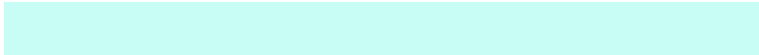
94.6696, 89.1837, 93.8660



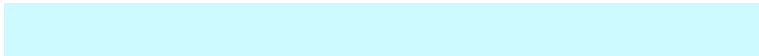
83.6275, 89.1837, 72.2647

Rectangle

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



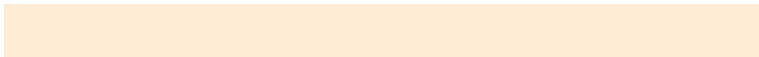
75.5792, 89.1837, 100.4195



79.6181, 89.1837, 122.0132



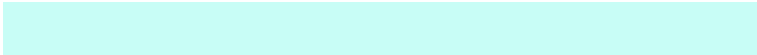
94.6696, 89.1837, 93.8660



90.1320, 89.1837, 75.8422

Sweetspot

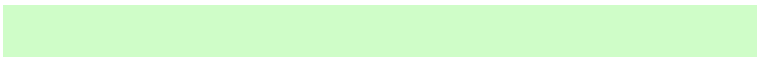
The Sweet Spot groups the original color and five complimentary colors.



75.5818, 89.1874, 100.4215



89.3196, 97.0833, 106.9418



71.3040, 87.6994, 67.8146



18.9903, 20.7148, 22.8448



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

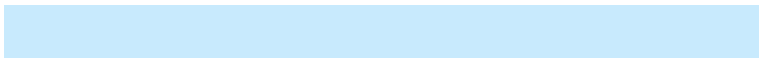
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5818, 89.1874, 100.4215



74.0320, 89.3181, 100.9918



70.8512, 77.9734, 104.2488



18.4455, 20.4377, 22.6489



25.5665, 40.1232, 42.4638



2.5168, 3.9176, 4.2792

Inverse Universe

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



72.4279, 66.6985, 68.0919



70.3125, 62.7856, 62.8566



76.3811, 75.9450, 65.2782



18.1071, 18.0261, 19.1809



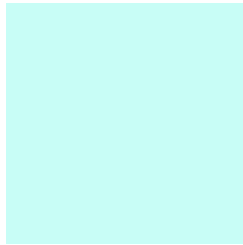
21.7272, 11.1802, 1.9479



2.1443, 1.1001, 0.3412

Previews

White Background



This preview shows how the XYZ color 75.5792, 89.1837, 100.4195 looks on a white background.

Color Contrast Check

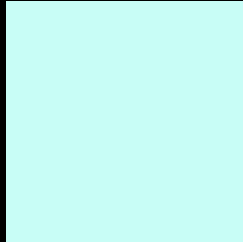
Large Text (above 18pt) WCAG AA × Fail

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 75.5792, 89.1837, 100.4195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

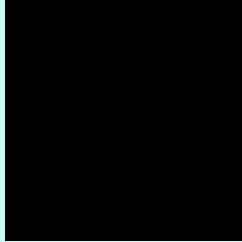
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

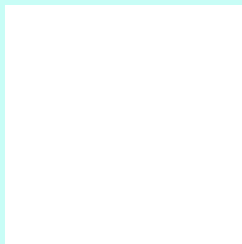
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5792, 89.1837, 100.4195

Background



This preview shows how black text looks on a background with the XYZ color 75.5792, 89.1837, 100.4195.

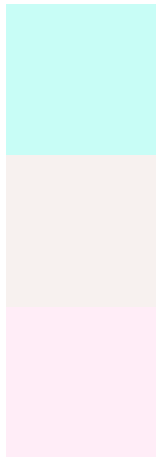


This preview shows how white text looks on a background with the XYZ color 75.5792, 89.1837,

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

75.5792, 89.1837, 100.4195

Protanopia

85.3931, 88.9167, 94.3233

Deuteranopia

88.3127, 88.5438, 100.4318



Tritanopia

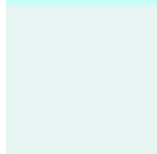
82.0664, 88.6936, 107.4019

Trichromacy



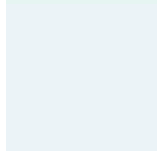
Original Color

75.5792, 89.1837, 100.4195



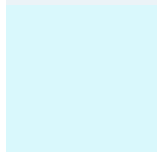
Protanomaly

81.3125, 88.5386, 96.8084



Deuteranomaly

83.1000, 88.4788, 100.6940



Tritanomaly

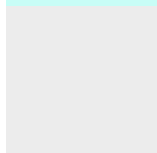
79.7534, 88.9148, 105.0543

Monochromacy



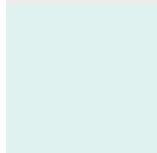
Original Color

75.5792, 89.1837, 100.4195



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.9117, 85.4835, 94.8317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5792, 89.1837, 100.4195 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(200, 253, 246)` looks like.

```
.text, #text, p{  
    color:rgb(200, 253, 246)  
}
```

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(200, 253, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 253, 246) }
```

Border

The CSS property to change the border of an element to XYZ 75.5792, 89.1837, 100.4195 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(200, 253, 246) }
```


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

```
.border{ border-color:rgb(200, 253, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 253, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 253, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 253, 246);  
box-shadow:4px 4px 4px 4px rgb(200, 253,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5792, 89.1837, 100.4195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 253, 246) }
```

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

```
.background{ background-color: rgb(200,  
253, 246) }
```

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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