

Converting Colors

XYZ(50.6683, 71.7185, 86.0783)

Have a look what the booklet for
XYZ(50.6683, 71.7185, 86.0783)
contains.

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Color

**XYZ(50.5493, 71.5446,
86.0082)**

Conversions

Conversions Part 1	
Format	Color
Hex	5DF2E6
RGB	93, 242, 230
RGB Percent	36%, 95%, 90%
CMY	0.6353, 0.0510, 0.0980
CMYK	0.62, 0.00, 0.05, 0.05
HSL	175°, 85%, 66%
HSV	175°, 62%, 95%
XYZ	50.5493, 71.5446, 86.0082
YIQ	196.0810, -84.9520, -35.3200

Conversions

Conversions Part 2

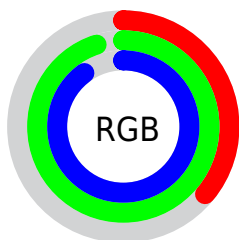
Format	Color
RYB	93, 171, 242
Decimal	6157030
CIELab	87.75, -42.09, -6.00
CIELCh	88, 42.519, 188.116
Yxy	71.5446, 0.2429, 0.3438
Android (android.graphics.Color)	4284347110 (0xFF5DF2E6)
YUV	196.0810, 16.7221, -90.4020
Hunter-Lab	84.5840, -41.3465, -1.0794

Details

The XYZ color **50.5493, 71.5446, 86.0082** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **43.0846, 27.7281, 16.4484**, and the grayscale version is **52.4595, 55.1915, 60.1035**.

A 20% lighter version of the original color is **67.9106, 86.0091, 107.6299**, and **25.0868, 37.7931, 46.5300** is the 20% darker color. If you saturate the color by 10%, you get **48.2047, 70.3690, 84.4788**, and if you desaturate by 10%, it is **53.6759, 73.1263, 87.5933**.

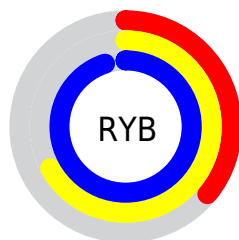
Distribution



Red (36%)

Green (95%)

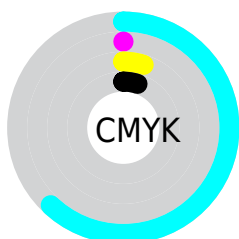
Blue (90%)



Red (36%)

Yellow (67%)

Blue (95%)

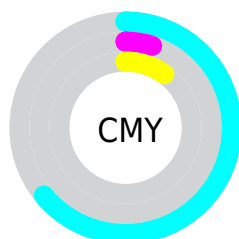


Cyan (62%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (64%)


Magenta (5%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5493, 71.5446, 86.0082 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 50.5493, 71.5446, 86.0082 by changing the saturation by 10% instead.

 50.5493, 71.5446,
86.0082


 50.5493, 71.5446,
86.0082


379.2267,
465.9550, 535.1896


 36.0696, 52.7868,
64.1198


 90.1752, 121.4089,
143.6676


 24.6583, 37.6326,
46.3009


 116.0521,
153.2840, 180.2757

 15.9501, 25.6976,
32.1330


 146.4588,
190.3005, 222.6274

 9.5794, 16.5976,
21.1974

 181.7607,
232.8425, 271.1413

 5.1811, 9.9480,
13.0757

222.3230,
281.2946, 326.2359

 2.3898, 5.3645,
7.3494


268.5113,


 0.8400, 2.4627,

336.0411, 388.3298

3.5998


320.6907,
397.4664, 457.8415


 0.0000, 0.8579,
1.4085


 0.0000, 0.0000,
0.1483


 50.5493, 71.5446,
86.0082


 50.5493, 71.5446,
86.0082

 48.2047, 70.3690,
84.4788


 53.6759, 73.1263,
87.5933


 46.5598, 69.5522,
82.9966


 57.6443, 75.1399,
89.2323


 45.5255, 69.0497,
81.5587


 62.5158, 77.6187,
90.9296


 45.0065, 68.8078,
80.3751


 68.3439, 80.5904,
92.6879

 75.1784, 84.0804,
94.5094

 83.0654, 88.1127,
96.3964

 89.2689, 91.2768,
98.2209

 89.5660, 91.3956,
99.7853

 89.8662, 91.5157,
101.3663

Harmonies

Analogous

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



51.5434, 71.5446, 58.9745



50.5493, 71.5446, 86.0082



53.8534, 71.5446, 117.4656

Triad

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



50.5493, 71.5446, 86.0082



80.6901, 71.5446, 130.2886



75.4901, 71.5446, 36.8862

Complementary

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



50.5493, 71.5446, 86.0082



43.0846, 27.7281, 16.4484

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.



84.4318, 71.5446, 48.3960



50.5493, 71.5446, 86.0082



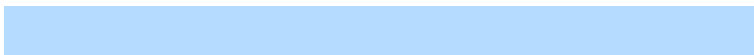
87.6347, 71.5446, 100.4943

Square

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



50.5493, 71.5446, 86.0082



70.7762, 71.5446, 146.8509



89.0677, 71.5446, 70.3179



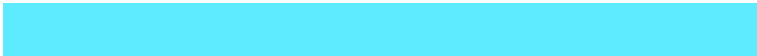
65.2993, 71.5446, 34.8317

Rectangle

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



50.5493, 71.5446, 86.0082



58.2614, 71.5446, 135.2299



89.0677, 71.5446, 70.3179



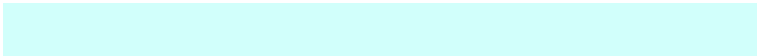
78.7696, 71.5446, 39.6107

Sweetspot

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



50.5514, 71.5473, 86.0099



79.5431, 92.0740, 105.0968



39.6050, 67.3260, 21.2655



16.5661, 19.4731, 22.3682



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.



50.5514, 71.5473, 86.0099



53.7255, 78.9681, 94.6929



36.8481, 41.3496, 90.0466



16.1892, 17.9057, 20.0193



24.2012, 36.9725, 43.3038



2.0295, 3.0822, 3.6875

Inverse Universe

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



43.0846, 27.7281, 16.4484



44.7098, 25.7932, 10.5054



50.3316, 43.1408, 16.0319



15.8245, 15.7795, 16.6319



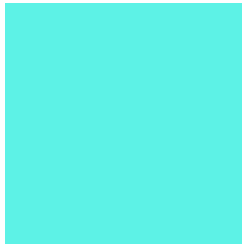
19.7562, 10.1749, 1.3668



1.6612, 0.8535, 0.2070

Previews

White Background



This preview shows how the XYZ color 50.5493, 71.5446, 86.0082 looks on a white background.

Color Contrast Check

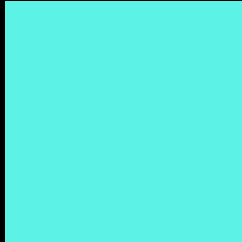
Large Text (above 18pt) WCAG AA × Fail

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 50.5493, 71.5446, 86.0082 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

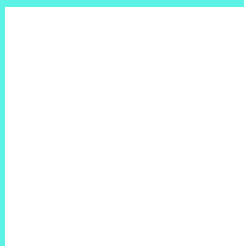
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5493, 71.5446, 86.0082

Background



This preview shows how black text looks on a background with the XYZ color 50.5493, 71.5446, 86.0082.

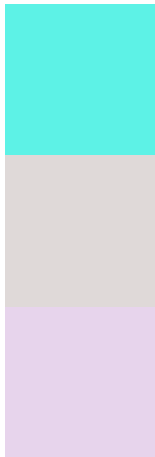


This preview shows how white text looks on a background with the XYZ color 50.5493, 71.5446,

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

50.5493, 71.5446, 86.0082

Protanopia

67.6389, 70.2716, 74.9646

Deuteranopia

71.6388, 70.1320, 89.1179




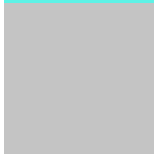
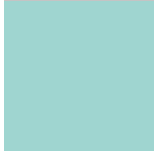
Tritanopia

55.5366, 71.5014, 105.4818

Trichromacy

	Original Color 50.5493, 71.5446, 86.0082
	Protanomaly 58.1520, 68.8433, 78.6298
	Deuteranomaly 60.2950, 68.5396, 87.8935
	Tritanomaly 53.6854, 71.5750, 98.1746

Monochromacy

	Original Color 50.5493, 71.5446, 86.0082
	Achromatopsia 52.4687, 55.2011, 60.1140
	Achromatomaly 49.4775, 59.5135, 68.5540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5493, 71.5446, 86.0082 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(93, 242, 230) looks like.

```
.text, #text, p{  
    color:rgb(93, 242, 230)  
}
```

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(93, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 242, 230) }
```

Border

The CSS property to change the border of an element to XYZ 50.5493, 71.5446, 86.0082 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(93, 242, 230) }
```


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

```
.border{ border-color:rgb(93, 242, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(93, 242,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5493, 71.5446, 86.0082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 242, 230) }
```

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

```
.background{ background-color: rgb(93, 242,  
230) }
```

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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