

Converting Colors

XYZ(51.0714, 71.0525, 94.6119)

Have a look what the booklet for
XYZ(51.0714, 71.0525, 94.6119)
contains.

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Color

**XYZ(51.0788, 71.1928,
94.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	55F1F1
RGB	85, 241, 241
RGB Percent	33%, 95%, 95%
CMY	0.6666, 0.0549, 0.0549
CMYK	0.65, 0.00, 0.00, 0.05
HSL	180°, 85%, 64%
HSV	180°, 65%, 95%
XYZ	51.0788, 71.1928, 94.2685
YIQ	194.3560, -92.9760, -33.0720

Conversions

Conversions Part 2

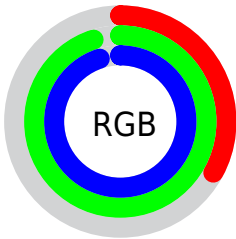
Format	Color
R_{YB}	85, 163, 241
Decimal	5632497
CIE _{Lab}	87.58, -39.95, -12.03
CIE _{LCh}	88, 41.723, 196.765
Yxy	71.1928, 0.2359, 0.3288
Android (android.graphics.Color)	4283822577 (0xFF55F1F1)
YUV	194.3560, 22.9955, -95.9052
Hunter-Lab	84.3758, -39.5987, -7.1784

Details

The XYZ color **51.0788, 71.1928, 94.2685** 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 **41.1662, 25.8559, 11.4176**, and the grayscale version is **51.3989, 54.0757, 58.8884**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **25.8974, 37.7838, 51.8270** is the 20% darker color. If you saturate the color by 10%, you get **49.2526, 70.2530, 94.1844**, and if you desaturate by 10%, it is **53.6540, 72.5219, 94.3909**.

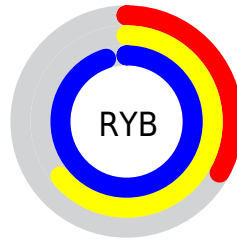
Distribution



Red (33%)

Green (95%)

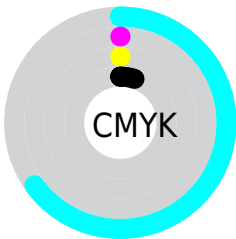
Blue (95%)



Red (33%)

Yellow (64%)

Blue (95%)

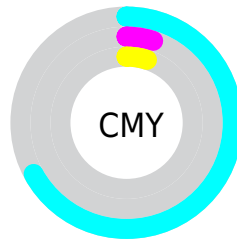


Cyan (65%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (67%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0788, 71.1928, 94.2685 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 51.0788, 71.1928, 94.2685 by changing the saturation by 10% instead.


 51.0788, 71.1928,
94.2685


 51.0788, 71.1928,
94.2685


381.2525,
464.7271, 562.7449


 36.4926, 52.4996,
70.9328


 90.9535, 120.9082,
155.2405


 24.9868, 37.4034,
51.8058


 116.9728,
152.6992, 193.7138

 16.1959, 25.5200,
36.4692


 147.5338,
189.6248, 238.0701

 9.7546, 16.4649,
24.5042

 183.0019,
232.0695, 288.7279

 5.2976, 9.8537,
15.4924

223.7425,
280.4177, 346.1058

 2.4594, 5.3021,
9.0152

270.1209,

 0.8748, 2.4256,

335.0538, 410.6222

4.6542

322.5024,
396.3621, 482.6957

■ 0.0000, 0.8390,
1.9907

■ 0.0000, 0.0000,
0.5495

■ 51.0788, 71.1928,
94.2685

■ 51.0788, 71.1928,
94.2685

■ 49.2526, 70.2530,
94.1844

■ 53.6540, 72.5219,
94.3909

■ 48.0898, 69.6535,
94.1297


■ 57.0399, 74.2674,
94.5496


■ 47.4954, 69.3471,
94.1016


■ 61.2992, 76.4632,
94.7492


■ 47.3337, 69.2637,
94.0939


■ 66.4865, 79.1373,
94.9922

 72.6520, 82.3158,
95.2810

 79.8426, 86.0226,
95.6178

 88.1017, 90.2804,
96.0046

 88.5742, 90.5239,
96.0269

 88.5743, 90.5240,
96.0272

Harmonies

Analogous

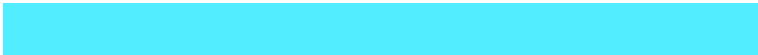
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.8285, 71.1928, 65.7313



51.0788, 71.1928, 94.2685



55.4857, 71.1928, 124.2202

Triad

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



51.0788, 71.1928, 94.2685



82.4504, 71.1928, 121.0076



72.1036, 71.1928, 35.7447

Complementary

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



51.0788, 71.1928, 94.2685



41.1662, 25.8559, 11.4176

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.



81.5113, 71.1928, 44.2888



51.0788, 71.1928, 94.2685



87.8648, 71.1928, 90.6332

Square

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



51.0788, 71.1928, 94.2685



73.2876, 71.1928, 142.0448



87.5053, 71.1928, 62.8775



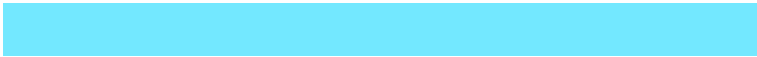
62.3407, 71.1928, 36.2642

Rectangle

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



51.0788, 71.1928, 94.2685



60.4550, 71.1928, 138.9272



87.5053, 71.1928, 62.8775



75.4301, 71.1928, 37.5429

Sweetspot

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



51.0809, 71.1955, 94.2702



79.4165, 91.9406, 108.1678



37.0840, 65.6245, 19.3084



16.5734, 19.4600, 23.1325



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.



51.0809, 71.1955, 94.2702



55.4460, 79.5835, 107.0443



33.1896, 35.4123, 88.3080



16.2474, 17.9290, 20.3259



25.6671, 37.5589, 51.0233



2.1353, 3.1245, 4.2447

Inverse Universe

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



41.1662, 25.8559, 11.4176



43.3754, 24.3846, 6.1751



50.5583, 44.6402, 14.5479



15.7729, 15.7589, 16.3602



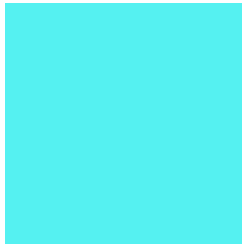
19.6715, 10.1410, 0.9207



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 51.0788, 71.1928, 94.2685 looks on a white background.

Color Contrast Check

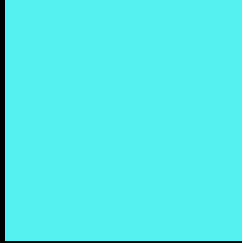
Large Text (above 18pt) WCAG AA × Fail

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 51.0788, 71.1928, 94.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

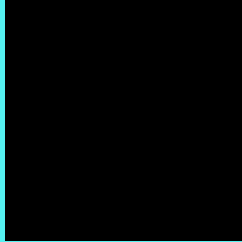
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

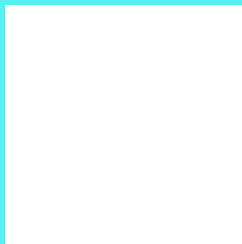
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0788, 71.1928, 94.2685

Background



This preview shows how black text looks on a background with the XYZ color 51.0788, 71.1928, 94.2685.

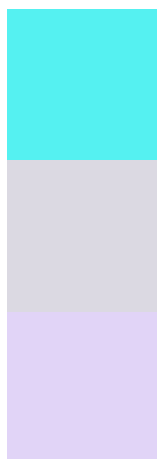


This preview shows how white text looks on a background with the XYZ color 51.0788, 71.1928,

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

51.0788, 71.1928, 94.2685

Protanopia

67.7537, 70.1768, 81.9260

Deuteranopia

71.3833, 69.8099, 97.7080



Tritanopia

54.6409, 71.0396, 105.4399

Trichromacy



Original Color

51.0788, 71.1928, 94.2685



Protanomaly

58.1977, 68.7083, 85.7960



Deuteranomaly

60.3247, 68.3666, 96.4028



Tritanomaly

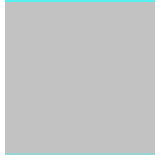
53.0854, 70.7605, 101.3027

Monochromacy



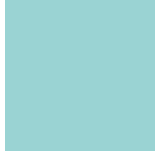
Original Color

51.0788, 71.1928, 94.2685



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

48.3786, 58.1617, 70.3045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0788, 71.1928, 94.2685 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(85, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(85, 241, 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(85, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 241, 241) }
```

Border

The CSS property to change the border of an element to XYZ 51.0788, 71.1928, 94.2685 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(85, 241, 241) }
```


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

```
.border{ border-color:rgb(85, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(85, 241,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0788, 71.1928, 94.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 241, 241) }
```

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

```
.background{ background-color: rgb(85, 241,  
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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