

Converting Colors

XYZ(52.9573, 73.0657, 96.1933)

Have a look what the booklet for
XYZ(52.9573, 73.0657, 96.1933)
contains.

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Color

**XYZ(52.9476, 73.0051,
96.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	5FF3F3
RGB	95, 243, 243
RGB Percent	37%, 95%, 95%
CMY	0.6274, 0.0470, 0.0471
CMYK	0.61, 0.00, 0.00, 0.05
HSL	180°, 86%, 66%
HSV	180°, 61%, 95%
XYZ	52.9476, 73.0051, 96.0948
YIQ	198.7480, -88.2080, -31.3760

Conversions

Conversions Part 2

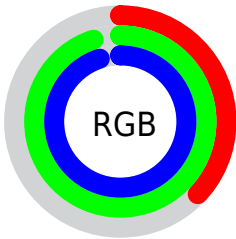
Format	Color
R _Y B	95, 169, 243
Decimal	6288371
CIE Lab	88.45, -38.81, -11.76
CIE LCh	88, 40.550, 196.852
Yxy	73.0051, 0.2385, 0.3288
Android (android.graphics.Color)	4284478451 (0xFF5FF3F3)
YUV	198.7480, 21.8162, -90.9870
Hunter-Lab	85.4430, -38.9118, -6.8713

Details

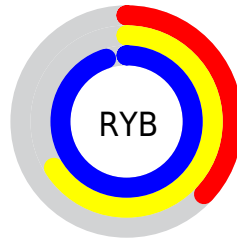
The XYZ color **52.9476, 73.0051, 96.0948** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **43.1224, 28.0677, 13.9738**, and the grayscale version is **54.0441, 56.8586, 61.9190**.

A 20% lighter version of the original color is **68.3072, 86.2136, 107.6485**, and **26.5285, 38.7057, 53.0864** is the 20% darker color. If you saturate the color by 10%, you get **50.8067, 71.9031, 95.9960**, and if you desaturate by 10%, it is **55.8799, 74.5184, 96.2339**.

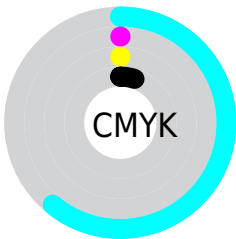
Distribution



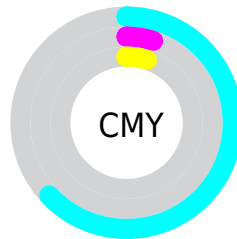
- Red (37%)
- Green (95%)
- Blue (95%)



- Red (37%)
- Yellow (66%)
- Blue (95%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (63%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9476, 73.0051, 96.0948 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 52.9476, 73.0051, 96.0948 by changing the saturation by 10% instead.


 52.9476, 73.0051,
96.0948


 52.9476, 73.0051,
96.0948


388.3482,
471.0325, 568.7376


 37.9883, 53.9801,
72.4446


 93.6932, 123.4845,
157.7848

 26.1507, 38.5858,
53.0329


 120.2102,
155.7076, 196.6617

 17.0697, 26.4376,
37.4411


 151.3105,
193.0990, 241.4513

 10.3798, 17.1513,
25.2508

187.3594,
236.0429, 292.5720

 5.7157, 10.3424,
16.0433

228.7222,
284.9239, 350.4424

 2.7120, 5.6266,
9.4001

275.7644,

 1.0034, 2.6194,

340.1262, 415.4812

4.9027

328.8513,
402.0342, 488.1067

■ 0.0000, 0.9364,
2.1325

■ 0.0000, 0.0000,
0.6350

■ 52.9476, 73.0051,
96.0948

■ 52.9476, 73.0051,
96.0948

■ 50.8067, 71.9031,
95.9960

■ 55.8799, 74.5184,
96.2339

■ 49.3747, 71.1648,
95.9287


■ 59.6632, 76.4687,
96.4112


■ 48.5627, 70.7463,
95.8905


■ 64.3589, 78.8895,
96.6312


■ 48.2294, 70.5744,
95.8746


■ 70.0212, 81.8085,
96.8965

 76.6998, 85.2514,
97.2093

 84.4409, 89.2421,
97.5718

 89.4699, 91.8347,
97.8074

 89.4700, 91.8347,
97.8077

 89.4700, 91.8347,
97.8079

Harmonies

Analogous

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



52.6861, 73.0051, 67.8910



52.9476, 73.0051, 96.0948



57.3406, 73.0051, 125.4542

Triad

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



52.9476, 73.0051, 96.0948



83.9868, 73.0051, 122.1568



73.7419, 73.0051, 37.8290

Complementary

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



52.9476, 73.0051, 96.0948



43.1224, 28.0677, 13.9738

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.



83.0173, 73.0051, 46.3977



52.9476, 73.0051, 96.0948



89.2948, 73.0051, 92.3404

Square

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



52.9476, 73.0051, 96.0948



74.9677, 73.0051, 142.7499



88.9242, 73.0051, 64.9177



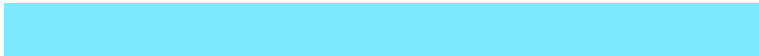
64.0945, 73.0051, 38.3792

Rectangle

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



52.9476, 73.0051, 96.0948



62.2767, 73.0051, 139.7906



88.9242, 73.0051, 64.9177



77.0236, 73.0051, 39.6340

Sweetspot

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



52.9498, 73.0079, 96.0965



80.1327, 92.3099, 108.2014



39.0982, 67.4973, 21.7961



16.7124, 19.5317, 23.1390



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.



52.9498, 73.0079, 96.0965



56.2532, 79.9996, 107.0823



35.5508, 38.2093, 90.2983



16.9968, 18.7578, 21.2673



26.4692, 38.7325, 52.6177



2.3264, 3.4042, 4.6246

Inverse Universe

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



43.1224, 28.0677, 13.9738



44.4285, 25.9257, 8.2687



52.7638, 47.3507, 17.1871



16.4992, 16.4825, 17.1095



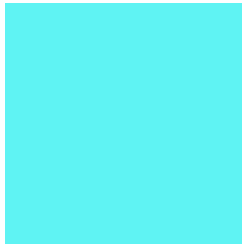
20.2862, 10.4579, 0.9494



1.7830, 0.9191, 0.0835

Previews

White Background



This preview shows how the XYZ color 52.9476, 73.0051, 96.0948 looks on a white background.

Color Contrast Check

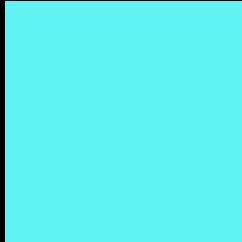
Large Text (above 18pt) WCAG AA × Fail

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 52.9476, 73.0051, 96.0948 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 52.9476, 73.0051, 96.0948

Background



This preview shows how black text looks on a background with the XYZ color 52.9476, 73.0051, 96.0948.

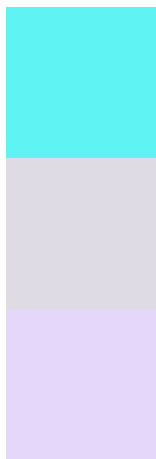


This preview shows how white text looks on a background with the XYZ color 52.9476, 73.0051,

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

52.9476, 73.0051, 96.0948

Protanopia

69.4593, 71.7941, 83.5955

Deuteranopia

73.3942, 71.9344, 99.6390



Tritanopia

57.3769, 72.8811, 105.6511

Trichromacy



Original Color

52.9476, 73.0051, 96.0948



Protanomaly

60.3559, 70.6001, 87.5369



Deuteranomaly

62.5361, 70.2691, 98.2630



Tritanomaly

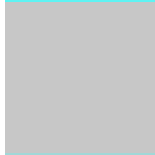
55.6429, 72.9300, 102.4110

Monochromacy



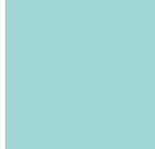
Original Color

52.9476, 73.0051, 96.0948



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

51.2641, 61.0842, 73.3785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9476, 73.0051, 96.0948 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(95, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(95, 243, 243)  
}
```

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(95, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 243, 243) }
```

Border

The CSS property to change the border of an element to XYZ 52.9476, 73.0051, 96.0948 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(95, 243, 243) }
```


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

```
.border{ border-color:rgb(95, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(95, 243,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9476, 73.0051, 96.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 243, 243) }
```

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

```
.background{ background-color: rgb(95, 243,  
243) }
```

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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