

Converting Colors

XYZ(53.4827, 74.0606,
101.9202)

Have a look what the booklet for
XYZ(53.4827, 74.0606, 101.9202)
contains.

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Color

**XYZ(53.4750, 74.0459,
101.9163)**

Conversions

Conversions Part 1

Format	Color
Hex	53F5FA
RGB	83, 245, 250
RGB Percent	33%, 96%, 98%
CMY	0.6745, 0.0392, 0.0196
CMYK	0.67, 0.02, 0.00, 0.02
HSL	182°, 94%, 65%
HSV	182°, 67%, 98%
XYZ	53.4750, 74.0459, 101.9163
YIQ	197.1320, -98.1570, -32.7890

Conversions

Conversions Part 2

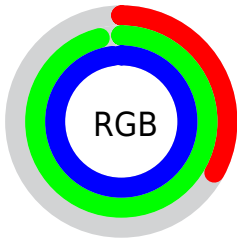
Format	Color
RYB	83, 165, 250
Decimal	5502458
CIELab	88.94, -39.58, -14.70
CIELCh	89, 42.219, 200.379
Yxy	74.0459, 0.2331, 0.3227
Android (android.graphics.Color)	4283692538 (0xFF53F5FA)
YUV	197.1320, 26.0639, -100.0938
Hunter-Lab	86.0499, -39.6601, -9.9873

Details

The XYZ color **53.4750, 74.0459, 101.9163** 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 **44.4771, 27.9298, 11.2325**, and the grayscale version is **53.0433, 55.8057, 60.7724**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **27.7208, 39.8615, 57.2719** is the 20% darker color. If you saturate the color by 10%, you get **51.4287, 72.6572, 101.7575**, and if you desaturate by 10%, it is **56.3215, 75.8517, 102.1162**.

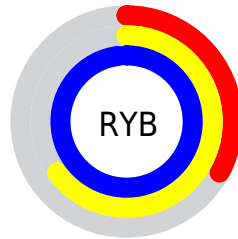
Distribution



Red (33%)

Green (96%)

Blue (98%)



Red (33%)

Yellow (65%)

Blue (98%)

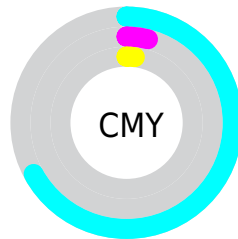


Cyan (67%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (67%)


Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4750, 74.0459, 101.9163 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 53.4750, 74.0459, 101.9163 by changing the saturation by 10% instead.


 53.4750, 74.0459,
101.9163


 53.4750, 74.0459,
101.9163


390.3359,
474.6318, 587.6183


 38.4111, 54.8316,
77.2761


 94.4644, 124.9609,
165.8629


 26.4806, 39.2669,
56.9666


 121.1206,
157.4303, 206.0064

 17.3181, 26.9674,
40.5692


 152.3715,
195.0870, 252.1548

 10.5582, 17.5488,
27.6655

 188.5827,
238.3152, 304.7265

 5.8357, 10.6265,
17.8368

230.1193,
287.4994, 364.1402

 2.7851, 5.8163,
10.6647

277.3469,

 1.0412, 2.7337,

343.0240, 430.8144

5.7305

330.6306,
405.2733, 505.1675

■ 0.0000, 0.9943,
2.6158

■ 0.0000, 0.0000,
0.9006

■ 53.4750, 74.0459,
101.9163

■ 53.4750, 74.0459,
101.9163

■ 51.4287, 72.6572,
101.7575

■ 56.3215, 75.8517,
102.1162

■ 50.0857, 71.6308,
101.6301

■ 60.0382, 78.1058,
102.3554

■ 49.3343, 70.9108,
101.5308

■ 64.6950, 80.8459,
102.6388

■ 49.1624, 70.7159,
101.5022

■ 70.3530, 84.1036,
102.9694

77.0680, 87.9075,
103.3497

84.8918, 92.2844,
103.7822

92.7562, 96.6835,
104.2168

92.9895, 97.1501,
104.2946

93.2237, 97.6185,
104.3726

Harmonies

Analogous

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



52.6827, 74.0459, 71.5544



53.4750, 74.0459, 101.9163



58.5450, 74.0459, 132.3764

Triad

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



53.4750, 74.0459, 101.9163



86.6749, 74.0459, 122.2337



73.7234, 74.0459, 36.8000

Complementary

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



53.4750, 74.0459, 101.9163



44.4771, 27.9298, 11.2325

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.



83.7077, 74.0459, 44.4969



53.4750, 74.0459, 101.9163



91.6498, 74.0459, 90.4280

Square

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



53.4750, 74.0459, 101.9163



77.4660, 74.0459, 145.9423



90.5142, 74.0459, 62.5242



63.7368, 74.0459, 38.4475

Rectangle

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



53.4750, 74.0459, 101.9163



63.9665, 74.0459, 146.3220



90.5142, 74.0459, 62.5242



77.2051, 74.0459, 38.2918

Sweetspot

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



53.4773, 74.0487, 101.9181



78.2268, 90.6073, 107.9737



39.4257, 70.8802, 20.3639



16.3183, 19.1528, 23.0867



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.



53.4773, 74.0487, 101.9181



53.2583, 75.6099, 106.3949



34.0497, 35.1935, 95.4422



17.7187, 19.5142, 22.2180



26.0970, 37.5496, 53.8459



2.4307, 3.5050, 4.9916

Inverse Universe

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



59.0009, 33.1052, 89.6693



59.5062, 30.4606, 92.2793



55.2285, 49.4326, 14.8163



17.9693, 17.5151, 21.6940



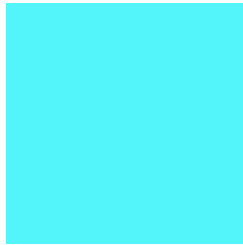
29.4646, 14.2016, 46.0165



2.7358, 1.3181, 4.2982

Previews

White Background



This preview shows how the XYZ color 53.4750, 74.0459, 101.9163 looks on a white background.

Color Contrast Check

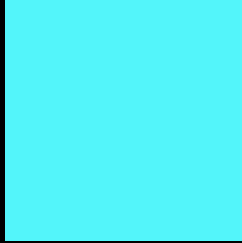
Large Text (above 18pt) WCAG AA × Fail

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 53.4750, 74.0459, 101.9163 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 53.4750, 74.0459, 101.9163

Background



This preview shows how black text looks on a background with the XYZ color 53.4750, 74.0459, 101.9163.

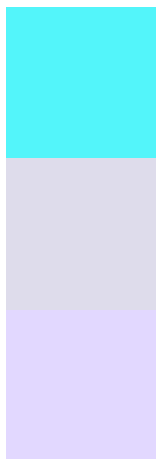


This preview shows how white text looks on a background with the XYZ color 53.4750, 74.0459,

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

53.4750, 74.0459, 101.9163

Protanopia

70.7128, 72.7142, 88.9055

Deuteranopia

73.9699, 72.5005, 104.7031



Tritanopia

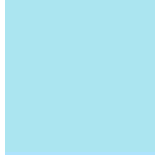
58.2766, 73.7783, 105.7769

Trichromacy



Original Color

53.4750, 74.0459, 101.9163



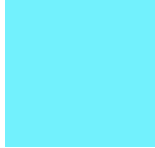
Protanomaly

60.5421, 70.9878, 92.9492



Deuteranomaly

62.6543, 71.0287, 103.3362



Tritanomaly

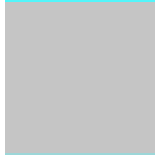
56.1243, 73.5799, 104.1728

Monochromacy



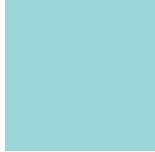
Original Color

53.4750, 74.0459, 101.9163



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

50.1515, 60.1189, 73.9266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4750, 74.0459, 101.9163 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(83, 245, 250)` looks like.

```
.text, #text, p{  
    color:rgb(83, 245, 250)  
}
```

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(83, 245, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 245, 250) }
```

Border

The CSS property to change the border of an element to XYZ 53.4750, 74.0459, 101.9163 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(83, 245, 250) }
```


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

```
.border{ border-color:rgb(83, 245, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 245, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 245, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 245, 250);  
box-shadow:4px 4px 4px 4px rgb(83, 245,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4750, 74.0459, 101.9163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 245, 250) }
```

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

```
.background{ background-color: rgb(83, 245,  
250) }
```

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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