

Converting Colors

XYZ(53.4738, 72.9419,
105.8645)

Have a look what the booklet for
XYZ(53.4738, 72.9419, 105.8645)
contains.

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Color

**XYZ(53.5803, 73.1150,
105.8964)**

Conversions

Conversions Part 1

Format	Color
Hex	52F3FF
RGB	82, 243, 255
RGB Percent	32%, 95%, 100%
CMY	0.6784, 0.0470, 0.0000
CMYK	0.68, 0.05, 0.00, 0.00
HSL	184°, 100%, 66%
HSV	184°, 68%, 100%
XYZ	53.5803, 73.1150, 105.8964
YIQ	196.2290, -99.8080, -30.4000

Conversions

Conversions Part 2

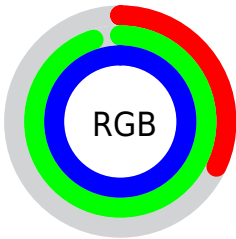
Format	Color
R_{YB}	82, 165, 255
Decimal	5436415
CIE _{Lab}	88.50, -37.40, -17.98
CIE _{LCh}	89, 41.498, 205.672
Yxy	73.1150, 0.2304, 0.3143
Android (android.graphics.Color)	4283626495 (0xFF52F3FF)
YUV	196.2290, 28.9741, -100.1788
Hunter-Lab	85.5073, -37.7867, -13.5725

Details

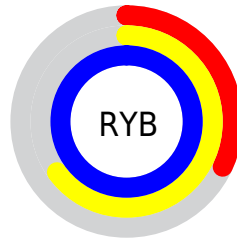
The XYZ color **53.5803, 73.1150, 105.8964** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **46.7668, 29.8762, 11.2867**, and the grayscale version is **52.4839, 55.2172, 60.1315**.

A 20% lighter version of the original color is **66.5725, 85.3193, 107.5673**, and **27.7519, 39.1950, 59.5288** is the 20% darker color. If you saturate the color by 10%, you get **51.2346, 71.1254, 105.6360**, and if you desaturate by 10%, it is **56.7585, 75.5445, 106.1978**.

Distribution



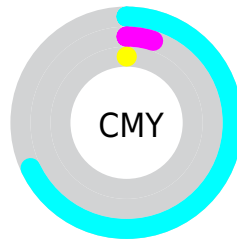
- Red (32%)
- Green (95%)
- Blue (100%)



- Red (32%)
- Yellow (65%)
- Blue (100%)



- Cyan (68%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)




- Cyan (68%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5803, 73.1150, 105.8964 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 53.5803, 73.1150, 105.8964 by changing the saturation by 10% instead.


 53.5803, 73.1150,
105.8964


 53.5803, 73.1150,
105.8964

390.7321,
471.4133, 600.3436


 38.4956, 54.0700,
80.5897


 94.6182, 123.6405,
171.3591


 26.5465, 38.6576,
59.6747


 121.3021,
155.8897, 212.3523

 17.3677, 26.4935,
42.7329

 152.5831,
193.3092, 259.4113

 10.5939, 17.1932,
29.3458

 188.8266,
236.2832, 312.9547

 5.8598, 10.3723,
19.0947

230.3979,
285.1962, 373.4011

 2.7998, 5.6465,
11.5612

277.6623,

 1.0488, 2.6314,

340.4327, 441.1690

6.3268

330.9852,
402.3769, 516.6770

■ 0.0000, 0.9425,
2.9728

■ 0.0000, 0.0000,
1.0808

■ 53.5803, 73.1150,
105.8964

■ 53.5803, 73.1150,
105.8964

■ 51.2346, 71.1254,
105.6360

■ 56.7585, 75.5445,
106.1978

■ 49.6187, 69.5181,
105.4109

■ 60.8450, 78.4482,
106.5429

■ 48.6058, 68.2291,
105.2155

■ 65.9137, 81.8658,
106.9354

■ 48.4258, 67.9716,
105.1753

■ 72.0294, 85.8308,
107.3784

■ 79.2513, 90.3738,
107.8746

■ 87.6340, 95.5228,
108.4267

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.0471, 73.1150, 75.5302



53.5803, 73.1150, 105.8964



59.2152, 73.1150, 134.2235

Triad

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



53.5803, 73.1150, 105.8964



86.5924, 73.1150, 114.8335



70.9532, 73.1150, 36.3924

Complementary

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



53.5803, 73.1150, 105.8964



46.7668, 29.8762, 11.2867

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.



80.8974, 73.1150, 42.2763



53.5803, 73.1150, 105.8964



90.4589, 73.1150, 83.8337

Square

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



53.5803, 73.1150, 105.8964



78.1508, 73.1150, 140.1905



88.2817, 73.1150, 58.0786



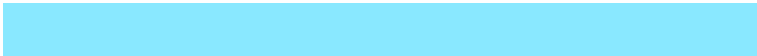
61.5006, 73.1150, 39.6119

Rectangle

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



53.5803, 73.1150, 105.8964



64.8479, 73.1150, 145.6835



88.2817, 73.1150, 58.0786



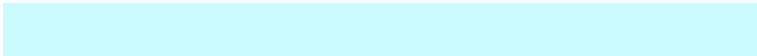
74.3560, 73.1150, 37.3225

Sweetspot

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



53.5823, 73.1176, 105.8968



77.5939, 89.3415, 107.7627



41.2406, 74.1143, 22.6146



16.1641, 18.8444, 23.0353



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.



53.5823, 73.1176, 105.8968



50.6498, 70.5784, 105.5612



33.5831, 33.1192, 99.2304



18.4407, 20.2530, 23.1872



25.3493, 35.6083, 54.9716



2.4992, 3.5292, 5.3627

Inverse Universe

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



60.4363, 33.7676, 88.1292



58.1443, 29.7424, 85.6420



59.0924, 54.5273, 15.3952



18.7351, 18.2773, 22.4881



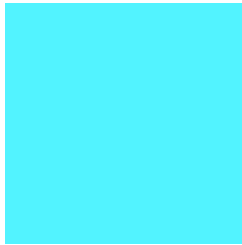
29.5834, 14.3226, 43.3180



2.8961, 1.4008, 4.3003

Previews

White Background



This preview shows how the XYZ color 53.5803, 73.1150, 105.8964 looks on a white background.

Color Contrast Check

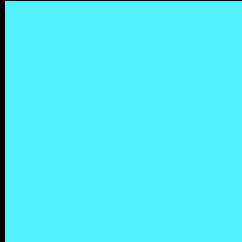
Large Text (above 18pt) WCAG AA × Fail

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 53.5803, 73.1150, 105.8964 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 53.5803, 73.1150, 105.8964

Background



This preview shows how black text looks on a background with the XYZ color 53.5803, 73.1150, 105.8964.

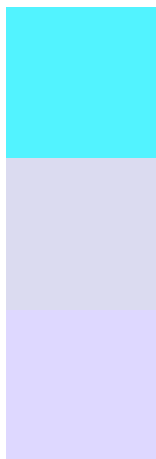


This preview shows how white text looks on a background with the XYZ color 53.5803, 73.1150,

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

53.5803, 73.1150, 105.8964

Protanopia

70.2731, 72.0144, 92.6344

Deuteranopia

72.7301, 71.8613, 104.6451



Tritanopia

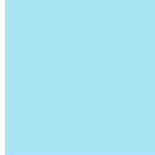
56.7929, 72.5800, 105.6238

Trichromacy



Original Color

53.5803, 73.1150, 105.8964



Protanomaly

60.5870, 70.5144, 96.8036



Deuteranomaly

62.0409, 70.2706, 104.9014



Tritanomaly

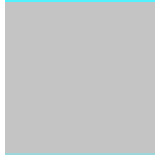
55.3944, 72.7283, 105.7261

Monochromacy



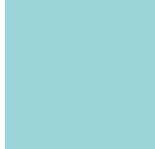
Original Color

53.5803, 73.1150, 105.8964



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

49.8362, 59.5668, 74.5165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5803, 73.1150, 105.8964 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(82, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 243, 255)  
}
```

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(82, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.5803, 73.1150, 105.8964 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(82, 243, 255) }
```


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

```
.border{ border-color:rgb(82, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5803, 73.1150, 105.8964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 243, 255) }
```

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

```
.background{ background-color: rgb(82, 243,  
255) }
```

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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