

Converting Colors

XYZ(53.3818, 73.9825,
106.0743)

Have a look what the booklet for
XYZ(53.3818, 73.9825, 106.0743)
contains.

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Color

**XYZ(53.3009, 73.8644,
106.0557)**

Conversions

Conversions Part 1

Format	Color
Hex	47F5FF
RGB	71, 245, 255
RGB Percent	28%, 96%, 100%
CMY	0.7215, 0.0392, 0.0000
CMYK	0.72, 0.04, 0.00, 0.00
HSL	183°, 100%, 64%
HSV	183°, 72%, 100%
XYZ	53.3009, 73.8644, 106.0557
YIQ	194.1140, -106.9140, -33.7780

Conversions

Conversions Part 2

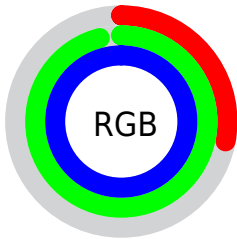
Format	Color
RYB	71, 160, 255
Decimal	4716031
CIELab	88.86, -39.65, -17.46
CIElCh	89, 43.330, 203.768
Yxy	73.8644, 0.2285, 0.3167
Android (android.graphics.Color)	4282906111 (0xFF47F5FF)
YUV	194.1140, 30.0168, -107.9710
Hunter-Lab	85.9444, -39.7008, -13.0030

Details

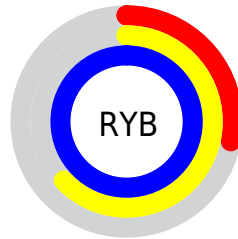
The XYZ color **53.3009, 73.8644, 106.0557** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.3208, 27.6012, 8.9022**, and the grayscale version is **51.2218, 53.8893, 58.6855**.

A 20% lighter version of the original color is **65.3116, 84.6693, 107.5083**, and **28.1763, 40.0437, 59.6702** is the 20% darker color. If you saturate the color by 10%, you get **51.3908, 72.2614, 105.8470**, and if you desaturate by 10%, it is **56.0022, 75.8831, 106.3030**.

Distribution



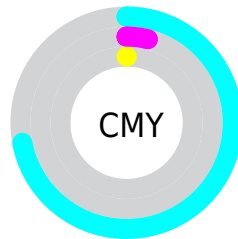
- Red (28%)
- Green (96%)
- Blue (100%)



- Red (28%)
- Yellow (63%)
- Blue (100%)



- Cyan (72%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (72%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3009, 73.8644, 106.0557 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 53.3009, 73.8644, 106.0557 by changing the saturation by 10% instead.


 53.3009, 73.8644,
106.0557


 53.3009, 73.8644,
106.0557


389.6805,
474.0052, 600.8499


 38.2715, 54.6831,
80.7225


 94.2099, 124.7036,
171.5787


 26.3716, 39.1480,
59.7834


 120.8202,
157.1302, 212.6056

 17.2360, 26.8749,
42.8199


 152.0215,
194.7407, 259.7007

 10.4992, 17.4793,
29.4135

 188.1792,
237.9195, 313.2827

 5.7960, 10.5768,
19.1456

229.6585,
287.0509, 373.7701

 2.7609, 5.7830,
11.5976

276.8250,

 1.0286, 2.7136,

342.5194, 441.5814

6.3511

330.0438,
404.7094, 517.1352

■ 0.0000, 0.9841,
2.9875

■ 0.0000, 0.0000,
1.0883

■ 53.3009, 73.8644,
106.0557

■ 53.3009, 73.8644,
106.0557

■ 51.3908, 72.2614,
105.8470

■ 56.0022, 75.8831,
106.3030

■ 50.1602, 71.0117,
105.6707

■ 59.5759, 78.3547,
106.5917

■ 49.5483, 70.2167,
105.5494

■ 64.0998, 81.3208,
106.9258

■ 69.6416, 84.8163,
107.3084

■ 76.2627, 88.8729,
107.7425

■ 84.0195, 93.5197,
108.2306

■ 92.9647, 98.7839,
108.7752

■ 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.



51.9859, 73.8644, 74.3104



53.3009, 73.8644, 106.0557



58.9351, 73.8644, 136.6692

Triad

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



53.3009, 73.8644, 106.0557



87.7848, 73.8644, 119.6748



72.4206, 73.8644, 35.5491

Complementary

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



53.3009, 73.8644, 106.0557



45.3208, 27.6012, 8.9022

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.



82.8291, 73.8644, 42.2175



53.3009, 73.8644, 106.0557



92.2516, 73.8644, 86.8678

Square

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



53.3009, 73.8644, 106.0557



78.6622, 73.8644, 145.8045



90.3534, 73.8644, 59.2984



62.3784, 73.8644, 38.2630

Rectangle

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



53.3009, 73.8644, 106.0557



64.7118, 73.8644, 149.7037



90.3534, 73.8644, 59.2984



76.0025, 73.8644, 36.7006

Sweetspot

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



53.3029, 73.8670, 106.0562



76.3720, 88.9391, 107.7495



39.8152, 73.4424, 19.7078



15.9379, 18.7884, 23.0365



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

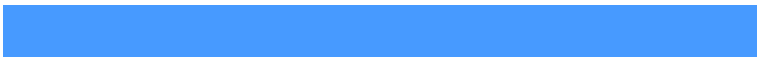
The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3029, 73.8670, 106.0562



50.7166, 71.6150, 105.7578



32.1731, 31.6075, 99.0129



18.4653, 20.3023, 23.1955



25.9267, 36.7631, 55.1641



2.5492, 3.6291, 5.3794

Inverse Universe

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



59.9760, 32.3608, 89.4743



57.9576, 28.8239, 87.2605



57.1694, 51.2984, 12.8517



18.7475, 18.2823, 22.5536



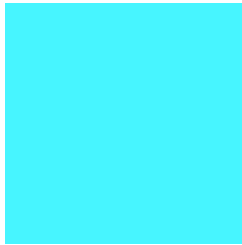
29.8748, 14.4392, 44.8527



2.9213, 1.4109, 4.4331

Previews

White Background



This preview shows how the XYZ color 53.3009, 73.8644, 106.0557 looks on a white background.

Color Contrast Check

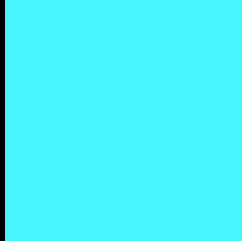
Large Text (above 18pt) WCAG AA × Fail

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 53.3009, 73.8644, 106.0557 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

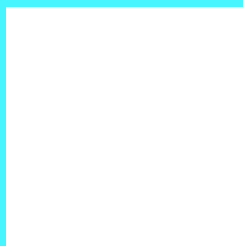
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3009, 73.8644, 106.0557

Background



This preview shows how black text looks on a background with the XYZ color 53.3009, 73.8644, 106.0557.

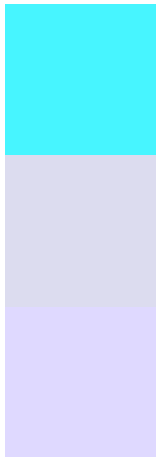


This preview shows how white text looks on a background with the XYZ color 53.3009, 73.8644,

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

53.3009, 73.8644, 106.0557

Protanopia

70.6884, 72.6340, 91.9554

Deuteranopia

73.2943, 72.5337, 104.7451



Tritanopia

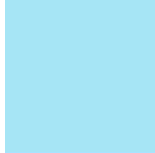
57.6689, 73.4650, 105.7484

Trichromacy



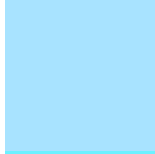
Original Color

53.3009, 73.8644, 106.0557



Protanomaly

60.2266, 70.7382, 96.8658



Deuteranomaly

61.6675, 70.4830, 104.9621



Tritanomaly

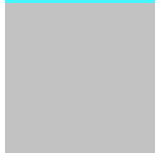
55.5687, 73.2564, 105.8189

Monochromacy



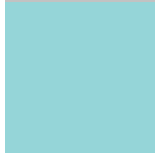
Original Color

53.3009, 73.8644, 106.0557



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

48.5833, 58.9359, 73.7809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3009, 73.8644, 106.0557 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(71, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 245, 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(71, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3009, 73.8644, 106.0557 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(71, 245, 255) }
```


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

```
.border{ border-color:rgb(71, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3009, 73.8644, 106.0557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 245, 255) }
```

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

```
.background{ background-color: rgb(71, 245,  
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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