

Converting Colors

XYZ(79.1764, 84.2518,
241.8184)

Have a look what the booklet for
XYZ(79.1764, 84.2518, 241.8184)
contains.

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Color

**XYZ(53.3749, 73.9025,
106.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	48F5FF
RGB	72, 245, 255
RGB Percent	28%, 96%, 100%
CMY	0.7176, 0.0392, 0.0000
CMYK	0.72, 0.04, 0.00, 0.00
HSL	183°, 100%, 64%
HSV	183°, 72%, 100%
XYZ	53.3749, 73.9025, 106.0592
YIQ	194.4130, -106.3180, -33.5660

Conversions

Conversions Part 2

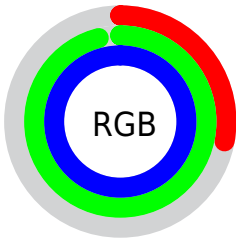
Format	Color
R_{YB}	72, 161, 255
Decimal	4781567
CIE _{Lab}	88.88, -39.54, -17.43
CIE _{LCh}	89, 43.215, 203.793
Yxy	73.9025, 0.2287, 0.3167
Android (android.graphics.Color)	4282971647 (0xFF48F5FF)
YUV	194.4130, 29.8694, -107.3562
Hunter-Lab	85.9666, -39.6144, -12.9710

Details

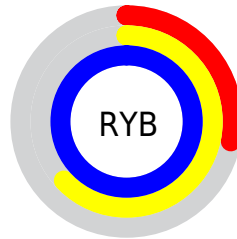
The XYZ color **53.3749, 73.9025, 106.0592** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.4281, 27.7641, 9.0978**, and the grayscale version is **51.3994, 54.0762, 58.8890**.

A 20% lighter version of the original color is **65.4871, 84.7597, 107.5165**, and **28.1763, 40.0437, 59.6702** is the 20% darker color. If you saturate the color by 10%, you get **51.4335, 72.2800, 105.8483**, and if you desaturate by 10%, it is **56.1111, 75.9427, 106.3088**.

Distribution



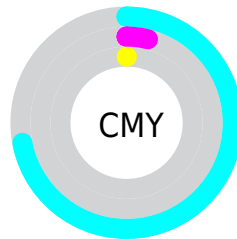
- Red (28%)
- Green (96%)
- Blue (100%)



- 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 53.3749, 73.9025, 106.0592 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 53.3749, 73.9025, 106.0592 by changing the saturation by 10% instead.

53.3749, 73.9025,
106.0592

53.3749, 73.9025,
106.0592

389.9592,
474.1368, 600.8610

38.3308, 54.7142,
80.7254

94.3181, 124.7576,
171.5835

26.4179, 39.1730,
59.7858

120.9479,
157.1932, 212.6111

17.2709, 26.8943,
42.8218

152.1703,
194.8134, 259.7071

10.5243, 17.4939,
29.4150

188.3507,
238.0026, 313.2899

5.8129, 10.5872,
19.1467

229.8544,
287.1451, 373.7782

2.7712, 5.7900,
11.5984

277.0469,

1.0340, 2.7178,

342.6254, 441.5905

6.3517

330.2933,
404.8278, 517.1452

■ 0.0000, 0.9863,
2.9879

■ 0.0000, 0.0000,
1.0884

■ 53.3749, 73.9025,
106.0592

■ 53.3749, 73.9025,
106.0592

■ 51.4335, 72.2800,
105.8483

■ 56.1111, 75.9427,
106.3088

■ 50.1764, 71.0133,
105.6701

■ 59.7230, 78.4374,
106.5999

■ 49.5259, 70.1717,
105.5420

■ 64.2879, 81.4282,
106.9366

■ 69.8732, 84.9497,
107.3220

■ 76.5401, 89.0336,
107.7588

■ 84.3450, 93.7089,
108.2499

■ 93.3403, 99.0026,
108.7976

■ 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.



52.0585, 73.9025, 74.3896



53.3749, 73.9025, 106.0592



59.0020, 73.9025, 136.5733

Triad

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



53.3749, 73.9025, 106.0592



87.7828, 73.9025, 119.5838



72.4426, 73.9025, 35.6603

Complementary

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



53.3749, 73.9025, 106.0592



45.4281, 27.7641, 9.0978

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.



82.8261, 73.9025, 42.3153



53.3749, 73.9025, 106.0592



92.2323, 73.9025, 86.8672

Square

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



53.3749, 73.9025, 106.0592



78.6868, 73.9025, 145.6420



90.3340, 73.9025, 59.3637



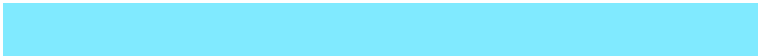
62.4244, 73.9025, 38.3803

Rectangle

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



53.3749, 73.9025, 106.0592



64.7684, 73.9025, 149.5541



90.3340, 73.9025, 59.3637



76.0159, 73.9025, 36.8084

Sweetspot

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



53.3769, 73.9051, 106.0596



76.3667, 88.9286, 107.7477



39.9247, 73.4947, 19.8982



15.9367, 18.7859, 23.0360



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.



53.3769, 73.9051, 106.0596



50.8236, 71.7027, 105.7691



32.3381, 31.8275, 99.0467



18.4649, 20.3013, 23.1953



25.9152, 36.7399, 55.1602



2.5482, 3.6271, 5.3791

Inverse Universe

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



60.0402, 32.4892, 89.4956



58.0425, 28.9759, 87.3434



57.2878, 51.4834, 13.0510



18.7473, 18.2822, 22.5523



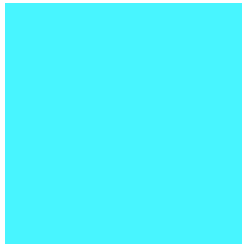
29.8690, 14.4369, 44.8220



2.9208, 1.4107, 4.4305

Previews

White Background



This preview shows how the XYZ color 53.3749, 73.9025, 106.0592 looks on a white background.

Color Contrast Check

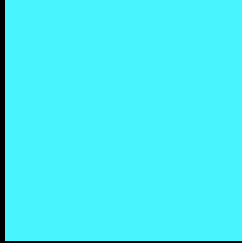
Large Text (above 18pt) WCAG AA × Fail

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 53.3749, 73.9025, 106.0592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

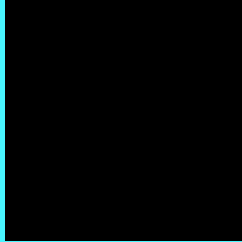
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3749, 73.9025, 106.0592

Background



This preview shows how black text looks on a background with the XYZ color 53.3749, 73.9025, 106.0592.

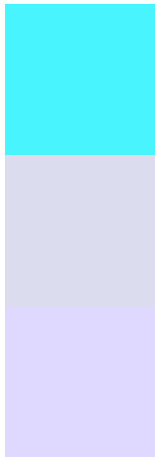


This preview shows how white text looks on a background with the XYZ color 53.3749, 73.9025,

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

53.3749, 73.9025, 106.0592

Protanopia

70.6884, 72.6340, 91.9554

Deuteranopia

73.2943, 72.5337, 104.7451



Tritanopia

57.6689, 73.4650, 105.7484

Trichromacy



Original Color

53.3749, 73.9025, 106.0592



Protanomaly

60.2266, 70.7382, 96.8658



Deuteranomaly

61.6675, 70.4830, 104.9621



Tritanomaly

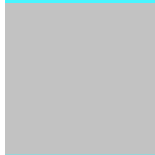
55.5687, 73.2564, 105.8189

Monochromacy



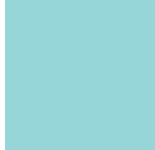
Original Color

53.3749, 73.9025, 106.0592



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

48.7666, 59.0304, 73.7895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3749, 73.9025, 106.0592 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(72, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(72, 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(72, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3749, 73.9025, 106.0592 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(72, 245, 255) }
```


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

```
.border{ border-color:rgb(72, 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(72, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(72, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3749, 73.9025, 106.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 245, 255) }
```

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

```
.background{ background-color: rgb(72, 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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