

Converting Colors

XYZ(58.9245, 76.3468,
132.9429)

Have a look what the booklet for
XYZ(58.9245, 76.3468, 132.9429)
contains.

XYZ(53.6829, 74.0613, 106.0736)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.6829, 74.0613,
106.0736)**

Conversions

Conversions Part 1

Format	Color
Hex	4CF5FF
RGB	76, 245, 255
RGB Percent	30%, 96%, 100%
CMY	0.7019, 0.0392, 0.0000
CMYK	0.70, 0.04, 0.00, 0.00
HSL	183°, 100%, 65%
HSV	183°, 70%, 100%
XYZ	53.6829, 74.0613, 106.0736
YIQ	195.6090, -103.9340, -32.7180

Conversions

Conversions Part 2

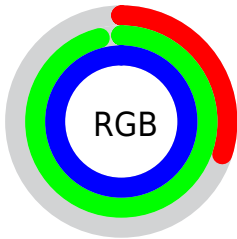
Format	Color
RYB	76, 163, 255
Decimal	5043711
CIELab	88.95, -39.07, -17.31
CIELCh	89, 42.738, 203.899
Yxy	74.0613, 0.2296, 0.3167
Android (android.graphics.Color)	4283233791 (0xFF4CF5FF)
YUV	195.6090, 29.2798, -104.8971
Hunter-Lab	86.0589, -39.2560, -12.8379

Details

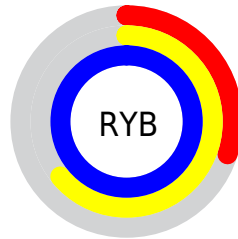
The XYZ color **53.6829, 74.0613, 106.0736** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.8734, 28.4389, 9.9111**, and the grayscale version is **52.1130, 54.8270, 59.7066**.

A 20% lighter version of the original color is **66.0227, 85.0359, 107.5415**, and **28.1763, 40.0437, 59.6702** is the 20% darker color. If you saturate the color by 10%, you get **51.6150, 72.3597, 105.8542**, and if you desaturate by 10%, it is **56.5604, 76.1884, 106.3325**.

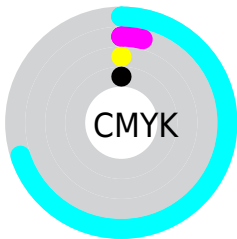
Distribution



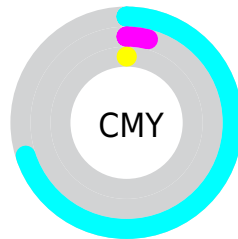
- Red (30%)
- Green (96%)
- Blue (100%)



- Red (30%)
- Yellow (64%)
- Blue (100%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (70%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6829, 74.0613, 106.0736 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 53.6829, 74.0613, 106.0736 by changing the saturation by 10% instead.


 53.6829, 74.0613,
106.0736


 53.6829, 74.0613,
106.0736


391.1178,
474.6849, 600.9068


 38.5779, 54.8442,
80.7374


 94.7681, 124.9827,
171.6034

 26.6107, 39.2770,
59.7956


 121.4790,
157.4558, 212.6340

 17.4162, 26.9753,
42.8297


 152.7892,
195.1164, 259.7332

 10.6288, 17.5547,
29.4211

 189.0641,
238.3488, 313.3196

 5.8833, 10.6307,
19.1513

230.6691,
287.5375, 373.8116

 2.8142, 5.8191,
11.6017

277.9695,

 1.0563, 2.7354,

343.0668, 441.6277

6.3539

331.3306,
405.3211, 517.1866

■ 0.0000, 0.9952,
2.9892

■ 0.0000, 0.0000,
1.0891

■ 53.6829, 74.0613,
106.0736

■ 53.6829, 74.0613,
106.0736

■ 51.6150, 72.3597,
105.8542

■ 56.5604, 76.1884,
106.3325

■ 50.2495, 71.0235,
105.6682

■ 60.3261, 78.7767,
106.6336

■ 49.4338, 69.9876,
105.5113

■ 65.0560, 81.8671,
106.9809

■ 70.8164, 85.4936,
107.3772

■ 77.6677, 89.6875,
107.8256

■ 85.6656, 94.4774,
108.3286

94.8620, 99.8902,
108.8887

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.



52.3604, 74.0613, 74.7186



53.6829, 74.0613, 106.0736



59.2800, 74.0613, 136.1765

Triad

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



53.6829, 74.0613, 106.0736



87.7747, 74.0613, 119.2086



72.5348, 74.0613, 36.1242

Complementary

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



53.6829, 74.0613, 106.0736



45.8734, 28.4389, 9.9111

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.



82.8148, 74.0613, 42.7237



53.6829, 74.0613, 106.0736



92.1527, 74.0613, 86.8666

Square

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



53.6829, 74.0613, 106.0736



78.7889, 74.0613, 144.9709



90.2541, 74.0613, 59.6365



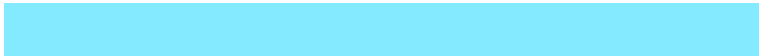
62.6159, 74.0613, 38.8696

Rectangle

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



53.6829, 74.0613, 106.0736



65.0038, 74.0613, 148.9358



90.2541, 74.0613, 59.6365



76.0723, 74.0613, 37.2586

Sweetspot

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



53.6849, 74.0640, 106.0740



77.0719, 89.3266, 107.7874



40.3796, 73.7122, 20.6859



16.0730, 18.8620, 23.0435



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.



53.6849, 74.0640, 106.0740



51.0182, 71.8106, 105.7796



33.0135, 32.7211, 99.1836



18.4628, 20.2973, 23.1946



25.8678, 36.6452, 55.1444



2.5441, 3.6189, 5.3777

Inverse Universe

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



60.3072, 33.0233, 89.5846



58.2093, 29.3054, 87.4118



57.7691, 52.2303, 13.8763



18.7463, 18.2818, 22.5470



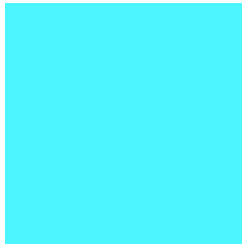
29.8451, 14.4273, 44.6962



2.9188, 1.4099, 4.4196

Previews

White Background



This preview shows how the XYZ color 53.6829, 74.0613, 106.0736 looks on a white background.

Color Contrast Check

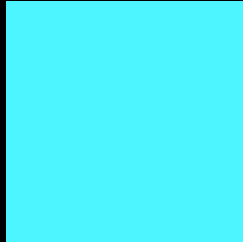
Large Text (above 18pt) WCAG AA × Fail

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 53.6829, 74.0613, 106.0736 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 53.6829, 74.0613, 106.0736

Background



This preview shows how black text looks on a background with the XYZ color 53.6829, 74.0613, 106.0736.

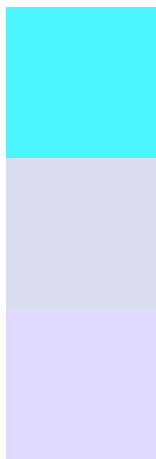


This preview shows how white text looks on a background with the XYZ color 53.6829, 74.0613,

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

53.6829, 74.0613, 106.0736

Protanopia

70.6884, 72.6340, 91.9554

Deuteranopia

73.2943, 72.5337, 104.7451



Tritanopia

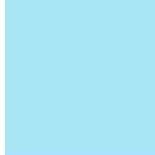
57.9698, 73.6201, 105.7625

Trichromacy



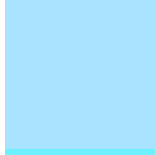
Original Color

53.6829, 74.0613, 106.0736



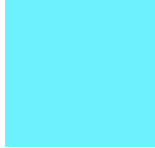
Protanomaly

60.6492, 70.9560, 96.8855



Deuteranomaly

62.0966, 70.7042, 104.9822



Tritanomaly

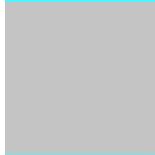
55.9357, 73.4456, 105.8360

Monochromacy



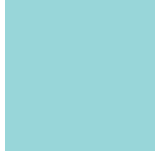
Original Color

53.6829, 74.0613, 106.0736



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

49.5198, 59.7783, 74.5740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6829, 74.0613, 106.0736 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(76, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(76, 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(76, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.6829, 74.0613, 106.0736 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(76, 245, 255) }
```


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

```
.border{ border-color:rgb(76, 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(76, 245, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(76, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6829, 74.0613, 106.0736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 245, 255) }
```

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

```
.background{ background-color: rgb(76, 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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