

Converting Colors

XYZ(64.1712, 78.1377,
160.3220)

Have a look what the booklet for
XYZ(64.1712, 78.1377, 160.3220)
contains.

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Color

**XYZ(53.9269, 74.1871,
106.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	4FF5FF
RGB	79, 245, 255
RGB Percent	31%, 96%, 100%
CMY	0.6901, 0.0392, 0.0000
CMYK	0.69, 0.04, 0.00, 0.00
HSL	183°, 100%, 65%
HSV	183°, 69%, 100%
XYZ	53.9269, 74.1871, 106.0850
YIQ	196.5060, -102.1460, -32.0820

Conversions

Conversions Part 2

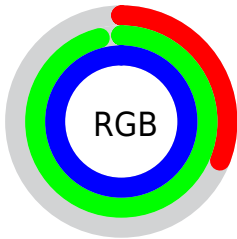
Format	Color
RYB	79, 164, 255
Decimal	5240319
CIELab	89.01, -38.70, -17.22
CIELCh	89, 42.361, 203.983
Yxy	74.1871, 0.2303, 0.3168
Android (android.graphics.Color)	4283430399 (0xFF4FF5FF)
YUV	196.5060, 28.8375, -103.0528
Hunter-Lab	86.1319, -38.9727, -12.7326

Details

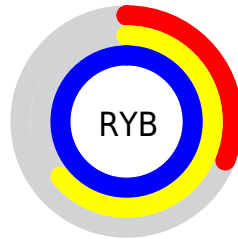
The XYZ color **53.9269, 74.1871, 106.0850** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **46.2248, 28.9708, 10.5550**, and the grayscale version is **52.6521, 55.3941, 60.3242**.

A 20% lighter version of the original color is **66.3877, 85.2240, 107.5586**, and **28.1763, 40.0437, 59.6702** is the 20% darker color. If you saturate the color by 10%, you get **51.7622, 72.4248, 105.8590**, and if you desaturate by 10%, it is **56.9120, 76.3807, 106.3511**.

Distribution



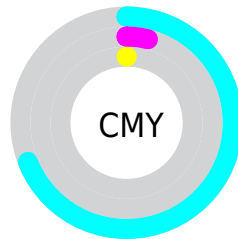
- Red (31%)
- Green (96%)
- Blue (100%)



- Red (31%)
- Yellow (64%)
- Blue (100%)



- Cyan (69%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9269, 74.1871, 106.0850 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 53.9269, 74.1871, 106.0850 by changing the saturation by 10% instead.


 53.9269, 74.1871,
106.0850


 53.9269, 74.1871,
106.0850

392.0341,
475.1189, 600.9430


 38.7737, 54.9472,
80.7469


 95.1244, 125.1610,
171.6191


 26.7636, 39.3594,
59.8034


 121.8994,
157.6638, 212.6521

 17.5314, 27.0395,
42.8359

 153.2791,
195.3563, 259.7540

 10.7118, 17.6029,
29.4260

 189.6287,
238.6230, 313.3430

 5.9392, 10.6652,
19.1549

231.3136,
287.8481, 373.8380

 2.8485, 5.8422,
11.6043

278.6993,

 1.0741, 2.7494,

343.4163, 441.6572

6.3556

332.1510,
405.7117, 517.2194

■ 0.0033, 1.0023,
2.9902

■ 0.0000, 0.0000,
1.0897

■ 53.9269, 74.1871,
106.0850

■ 53.9269, 74.1871,
106.0850

■ 51.7622, 72.4248,
105.8590

■ 56.9120, 76.3807,
106.3511

■ 50.3131, 71.0349,
105.6671

■ 60.7945, 79.0404,
106.6599

■ 49.4357, 69.9447,
105.5029

■ 65.6496, 82.2066,
107.0151

■ 49.3621, 69.8442,
105.4874

■ 71.5427, 85.9130,
107.4199

■ 78.5336, 90.1905,
107.8771

■ 86.6774, 95.0675,
108.3892

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.



52.5997, 74.1871, 74.9788



53.9269, 74.1871, 106.0850



59.5001, 74.1871, 135.8644

Triad

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



53.9269, 74.1871, 106.0850



87.7686, 74.1871, 118.9144



72.6081, 74.1871, 36.4932

Complementary

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



53.9269, 74.1871, 106.0850



46.2248, 28.9708, 10.5550

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.



82.8064, 74.1871, 43.0480



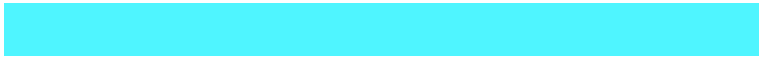
53.9269, 74.1871, 106.0850



92.0905, 74.1871, 86.8670

Square

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



53.9269, 74.1871, 106.0850



78.8698, 74.1871, 144.4441



90.1917, 74.1871, 59.8529



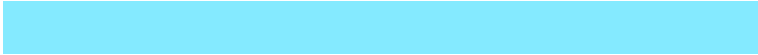
62.7677, 74.1871, 39.2585

Rectangle

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



53.9269, 74.1871, 106.0850



65.1900, 74.1871, 148.4499



90.1917, 74.1871, 59.8529



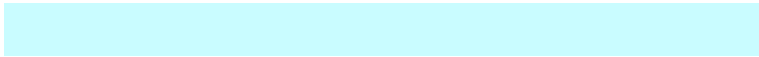
76.1173, 74.1871, 37.6165

Sweetspot

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



53.9289, 74.1898, 106.0854



77.0559, 89.2946, 107.7820



40.7391, 73.8842, 21.3055



16.0692, 18.8543, 23.0423



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.



53.9289, 74.1898, 106.0854



51.1050, 71.8292, 105.7786



33.5375, 33.4070, 99.2883



18.4613, 20.2942, 23.1941



25.8310, 36.5715, 55.1322



2.5409, 3.6126, 5.3766

Inverse Universe

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



60.5188, 33.4465, 89.6552



58.2910, 29.4830, 87.3951



58.1389, 52.7991, 14.5264



18.7455, 18.2815, 22.5428



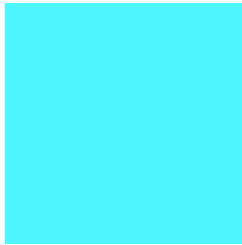
29.8265, 14.4199, 44.5981



2.9172, 1.4092, 4.4111

Previews

White Background



This preview shows how the XYZ color 53.9269, 74.1871, 106.0850 looks on a white background.

Color Contrast Check

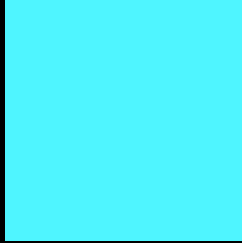
Large Text (above 18pt) WCAG AA × Fail

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 53.9269, 74.1871, 106.0850 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 53.9269, 74.1871, 106.0850

Background



This preview shows how black text looks on a background with the XYZ color 53.9269, 74.1871, 106.0850.

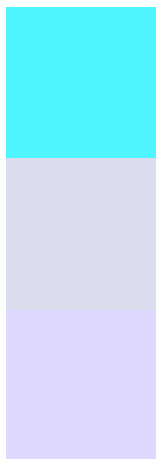


This preview shows how white text looks on a background with the XYZ color 53.9269, 74.1871,

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

53.9269, 74.1871, 106.0850

Protanopia

70.6884, 72.6340, 91.9554

Deuteranopia

73.6033, 72.6930, 104.7596



Tritanopia

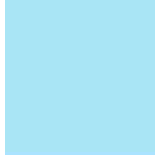
58.1224, 73.6988, 105.7697

Trichromacy



Original Color

53.9269, 74.1871, 106.0850



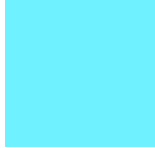
Protanomaly

60.8629, 71.0662, 96.8955



Deuteranomaly

62.3137, 70.8161, 104.9923



Tritanomaly

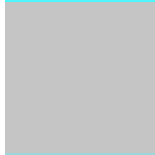
56.0608, 73.5101, 105.8419

Monochromacy



Original Color

53.9269, 74.1871, 106.0850



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

50.0279, 60.0251, 75.2789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9269, 74.1871, 106.0850 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(79, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 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(79, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9269, 74.1871, 106.0850 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(79, 245, 255) }
```


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

```
.border{ border-color:rgb(79, 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(79, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9269, 74.1871, 106.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 245, 255) }
```

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

```
.background{ background-color: rgb(79, 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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