

Converting Colors

XYZ(54.1702, 74.3457,
106.1028)

Have a look what the booklet for
XYZ(54.1702, 74.3457, 106.1028)
contains.

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Color

**XYZ(54.1821, 74.3187,
106.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	52F5FF
RGB	82, 245, 255
RGB Percent	32%, 96%, 100%
CMY	0.6784, 0.0392, 0.0000
CMYK	0.68, 0.04, 0.00, 0.00
HSL	183°, 100%, 66%
HSV	183°, 68%, 100%
XYZ	54.1821, 74.3187, 106.0970
YIQ	197.4030, -100.3580, -31.4460

Conversions

Conversions Part 2

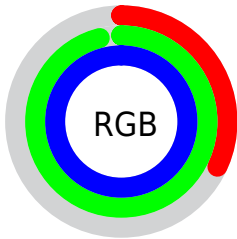
Format	Color
R_{YB}	82, 166, 255
Decimal	5436927
CIE _{Lab}	89.07, -38.32, -17.12
CIE _{LCh}	89, 41.970, 204.073
Yxy	74.3187, 0.2310, 0.3168
Android (android.graphics.Color)	4283627007 (0xFF52F5FF)
YUV	197.4030, 28.3953, -101.2084
Hunter-Lab	86.2083, -38.6769, -12.6227

Details

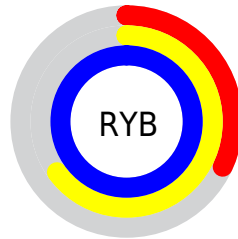
The XYZ color **54.1821, 74.3187, 106.0970** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **46.5911, 29.5248, 11.2280**, and the grayscale version is **53.1943, 55.9645, 60.9454**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **28.1763, 40.0437, 59.6702** is the 20% darker color. If you saturate the color by 10%, you get **51.9191, 72.4945, 105.8642**, and if you desaturate by 10%, it is **57.2761, 76.5798, 106.3704**.

Distribution



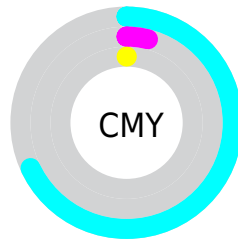
- Red (32%)
- Green (96%)
- Blue (100%)



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



- Cyan (68%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1821, 74.3187, 106.0970 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 54.1821, 74.3187, 106.0970 by changing the saturation by 10% instead.

54.1821, 74.3187,
106.0970

54.1821, 74.3187,
106.0970

392.9911,
475.5726, 600.9812

38.9785, 55.0549,
80.7569

95.4969, 125.3475,
171.6356

26.9237, 39.4457,
59.8116

122.3388,
157.8813, 212.6712

17.6522, 27.1066,
42.8425

153.7909,
195.6072, 259.7758

10.7987, 17.6533,
29.4311

190.2185,
238.9097, 313.3678

5.9980, 10.7014,
19.1588

231.9869,
288.1730, 373.8658

2.8845, 5.8664,
11.6071

279.4616,

1.0930, 2.7640,

343.7817, 441.6883

6.3575

333.0079,
406.1201, 517.2539

■ 0.0192, 1.0098,
2.9914

■ 0.0000, 0.0000,
1.0902

■ 54.1821, 74.3187,
106.0970

■ 54.1821, 74.3187,
106.0970

■ 51.9191, 72.4945,
105.8642

■ 57.2761, 76.5798,
106.3704

■ 50.3844, 71.0495,
105.6661

■ 61.2768, 79.3119,
106.6869

■ 49.4510, 69.9196,
105.4972

■ 66.2582, 82.5550,
107.0503

■ 49.2881, 69.6961,
105.4627

■ 72.2850, 86.3422,
107.4636

■ 79.4163, 90.7042,
107.9297

■ 87.7070, 95.6692,
108.4511

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.



52.8500, 74.3187, 75.2504



54.1821, 74.3187, 106.0970



59.7302, 74.3187, 135.5402

Triad

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



54.1821, 74.3187, 106.0970



87.7627, 74.3187, 118.6095



72.6851, 74.3187, 36.8804

Complementary

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



54.1821, 74.3187, 106.0970



46.5911, 29.5248, 11.2280

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.



82.7982, 74.3187, 43.3879



54.1821, 74.3187, 106.0970



92.0262, 74.3187, 86.8683

Square

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



54.1821, 74.3187, 106.0970



78.9544, 74.3187, 143.8977



90.1274, 74.3187, 60.0795



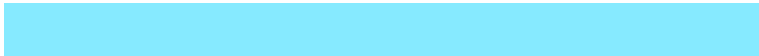
62.9265, 74.3187, 39.6665

Rectangle

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



54.1821, 74.3187, 106.0970



65.3846, 74.3187, 147.9455



90.1274, 74.3187, 60.0795



76.1649, 74.3187, 37.9920

Sweetspot

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



54.1841, 74.3214, 106.0974



77.7789, 89.7114, 107.8244



41.1143, 74.0638, 21.9496



16.2092, 18.9345, 23.0504



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.



54.1841, 74.3214, 106.0974



51.3601, 71.9991, 105.7980



34.0764, 34.1060, 99.3948



18.4597, 20.2909, 23.1936



25.7929, 36.4953, 55.1195



2.5376, 3.6060, 5.3755

Inverse Universe

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



60.7401, 33.8890, 89.7290



58.5028, 29.8859, 87.5301



58.5161, 53.3748, 15.2030



18.7447, 18.2812, 22.5385



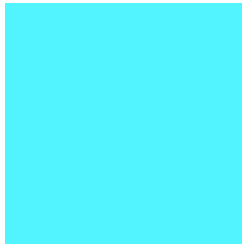
29.8073, 14.4122, 44.4969



2.9155, 1.4086, 4.4024

Previews

White Background



This preview shows how the XYZ color 54.1821, 74.3187, 106.0970 looks on a white background.

Color Contrast Check

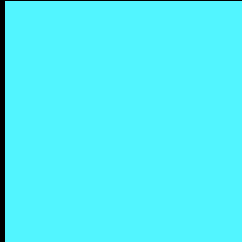
Large Text (above 18pt) WCAG AA × Fail

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 54.1821, 74.3187, 106.0970 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 54.1821, 74.3187, 106.0970

Background



This preview shows how black text looks on a background with the XYZ color 54.1821, 74.3187, 106.0970.

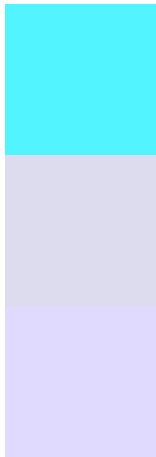


This preview shows how white text looks on a background with the XYZ color 54.1821, 74.3187,

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

54.1821, 74.3187, 106.0970

Protanopia

70.9920, 72.7905, 91.9697

Deuteranopia

73.8619, 73.2101, 104.8458



Tritanopia

58.4322, 73.8585, 105.7842

Trichromacy



Original Color

54.1821, 74.3187, 106.0970



Protanomaly

61.0783, 71.1772, 96.9056



Deuteranomaly

62.8067, 71.4775, 105.0940



Tritanomaly

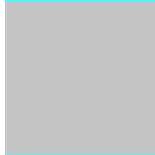
56.4447, 73.7080, 105.8599

Monochromacy



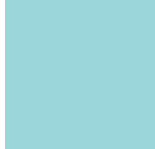
Original Color

54.1821, 74.3187, 106.0970



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

50.2190, 60.1237, 75.2879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1821, 74.3187, 106.0970 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, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(82, 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(82, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1821, 74.3187, 106.0970 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, 245, 255) }
```


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

```
.border{ border-color:rgb(82, 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(82, 245, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(82, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1821, 74.3187, 106.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 245, 255) }
```

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

```
.background{ background-color: rgb(82, 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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