

Converting Colors

XYZ(54.1852, 71.7609,
101.4379)

Have a look what the booklet for
XYZ(54.1852, 71.7609, 101.4379)
contains.

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Color

**XYZ(54.1852, 71.7609,
101.4379)**

Conversions

Conversions Part 1

Format	Color
Hex	6BEFFA
RGB	107, 239, 250
RGB Percent	42%, 94%, 98%
CMY	0.5804, 0.0627, 0.0196
CMYK	0.57, 0.04, 0.00, 0.02
HSL	185°, 93%, 70%
HSV	185°, 57%, 98%
XYZ	54.1852, 71.7609, 101.4379
YIQ	200.7860, -82.2030, -24.5630

Conversions

Conversions Part 2

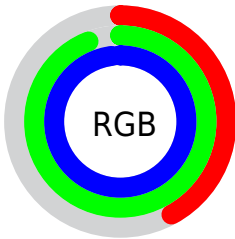
Format	Color
RYB	107, 176, 250
Decimal	7073786
CIELab	87.85, -33.06, -16.28
CIELCh	88, 36.845, 206.215
Yxy	71.7609, 0.2383, 0.3156
Android (android.graphics.Color)	4285263866 (0xFF6BEFFA)
YUV	200.7860, 24.2625, -82.2503
Hunter-Lab	84.7118, -34.0696, -11.6984

Details

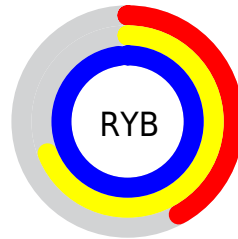
The XYZ color **54.1852, 71.7609, 101.4379** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **48.5582, 34.3440, 17.9816**, and the grayscale version is **55.2780, 58.1568, 63.3328**.

A 20% lighter version of the original color is **70.3876, 87.2860, 107.7458**, and **27.0720, 37.9687, 56.9408** is the 20% darker color. If you saturate the color by 10%, you get **51.0435, 69.3116, 101.1320**, and if you desaturate by 10%, it is **58.2060, 74.6754, 101.7898**.

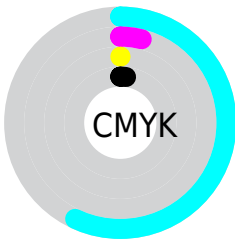
Distribution



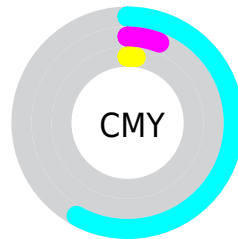
- Red (42%)
- Green (94%)
- Blue (98%)



- Red (42%)
- Yellow (69%)
- Blue (98%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (58%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1852, 71.7609, 101.4379 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 54.1852, 71.7609, 101.4379 by changing the saturation by 10% instead.

54.1852, 71.7609,
101.4379

54.1852, 71.7609,
101.4379

393.0027,
466.7090, 586.0789

38.9810, 52.9634,
76.8784

95.5014, 121.7165,
165.2009

26.9256, 37.7735,
56.6421

122.3442,
153.6434, 205.2414

17.6537, 25.8070,
40.3105

153.7971,
190.7156, 251.2793

10.7998, 16.6793,
27.4651

190.2256,
233.3174, 303.7332

5.9987, 10.0061,
17.6873

231.9951,
281.8332, 363.0215

2.8849, 5.4030,
10.5586

279.4709,

1.0932, 2.4856,

336.6475, 429.5629

5.6605

333.0183,
398.1446, 503.7759

■ 0.0194, 0.8694,
2.5743

■ 0.0000, 0.0000,
0.8792

■ 54.1852, 71.7609,
101.4379

■ 54.1852, 71.7609,
101.4379

■ 51.0435, 69.3116,
101.1320

■ 58.2060, 74.6754,
101.7898

■ 48.6969, 67.2795,
100.8635

■ 63.1671, 78.0821,
102.1859

■ 47.0570, 65.6205,
100.6297

■ 69.1322, 82.0152,
102.6307

■ 46.0067, 64.2743,
100.4252

■ 76.1574, 86.5038,
103.1268

■ 45.7682, 63.9274,
100.3708

■ 84.2945, 91.5746,
103.6767

■ 92.8494, 96.8698,
104.2479

■ 93.4517, 98.0744,
104.4486

■ 94.0600, 99.2912,
104.6514

■ 94.2556, 99.6822,
104.7166

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.7438, 71.7609, 74.9944



54.1852, 71.7609, 101.4379



59.2633, 71.7609, 125.4713

Triad

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



54.1852, 71.7609, 101.4379



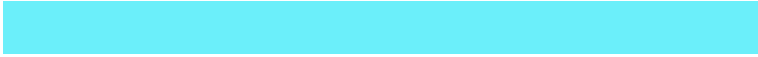
83.1839, 71.7609, 108.1435



69.3244, 71.7609, 39.2121

Complementary

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



54.1852, 71.7609, 101.4379



48.5582, 34.3440, 17.9816

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.



78.0072, 71.7609, 44.5118



54.1852, 71.7609, 101.4379



86.4298, 71.7609, 81.3629

Square

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



54.1852, 71.7609, 101.4379



75.9202, 71.7609, 129.8884



84.4594, 71.7609, 58.7065



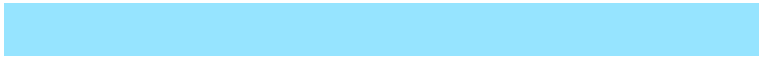
61.0340, 71.7609, 42.3594

Rectangle

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



54.1852, 71.7609, 101.4379



64.2717, 71.7609, 134.9656



84.4594, 71.7609, 58.7065



72.2989, 71.7609, 40.0286

Sweetspot

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



54.1874, 71.7636, 101.4396



79.8061, 90.5762, 107.8845



43.4343, 72.7720, 28.4453



16.7449, 19.1742, 23.0684



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.



54.1874, 71.7636, 101.4396



52.8724, 72.0721, 105.7324



37.5025, 38.3937, 95.8780



17.6449, 19.3666, 22.1934



24.3249, 34.0054, 53.2552



2.2859, 3.2155, 4.9433

Inverse Universe

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



60.2639, 37.0734, 85.6438



59.9867, 33.2380, 86.8395



60.0703, 57.3684, 21.8190



17.9320, 17.5002, 21.4979



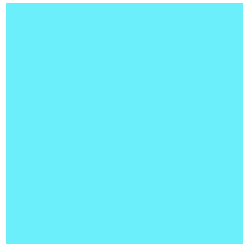
28.5701, 13.8438, 41.3062



2.6627, 1.2888, 3.9133

Previews

White Background



This preview shows how the XYZ color 54.1852, 71.7609, 101.4379 looks on a white background.

Color Contrast Check

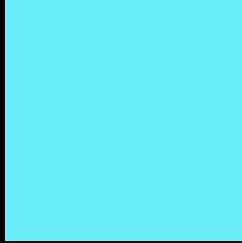
Large Text (above 18pt) WCAG AA × Fail

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 54.1852, 71.7609, 101.4379 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 54.1852, 71.7609, 101.4379

Background



This preview shows how black text looks on a background with the XYZ color 54.1852, 71.7609, 101.4379.

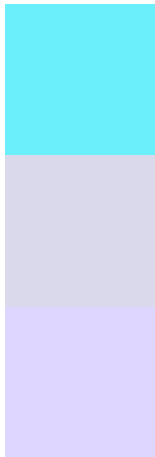


This preview shows how white text looks on a background with the XYZ color 54.1852, 71.7609,

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

54.1852, 71.7609, 101.4379

Protanopia

68.8666, 70.5873, 89.3519

Deuteranopia

72.2208, 70.8427, 104.4753



Tritanopia

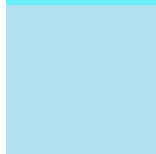
56.0799, 71.7814, 105.5072

Trichromacy



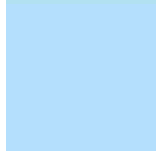
Original Color

54.1852, 71.7609, 101.4379



Protanomaly

61.1625, 69.6663, 93.4424



Deuteranomaly

62.9397, 69.5705, 103.0397



Tritanomaly

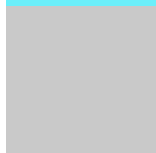
55.3744, 71.8858, 103.8853

Monochromacy



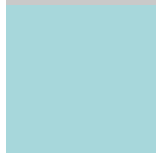
Original Color

54.1852, 71.7609, 101.4379



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.0230, 61.9308, 76.1771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1852, 71.7609, 101.4379 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(107, 239, 250)` looks like.

```
.text, #text, p{  
    color:rgb(107, 239, 250)  
}
```

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(107, 239, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 239, 250) }
```

Border

The CSS property to change the border of an element to XYZ 54.1852, 71.7609, 101.4379 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(107, 239, 250) }
```


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

```
.border{ border-color:rgb(107, 239, 250) }
```

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

Here you see how a box with a 4 pixel rgb(107, 239, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 239, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 239, 250);  
box-shadow:4px 4px 4px 4px rgb(107, 239,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1852, 71.7609, 101.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 239, 250) }
```

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

```
.background{ background-color: rgb(107,  
239, 250) }
```

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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