

Converting Colors

XYZ(54.2261, 52.1463,
101.8150)

Have a look what the booklet for
XYZ(54.2261, 52.1463, 101.8150)
contains.

XYZ(54.4107, 52.3444, 101.8435)	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(54.4107, 52.3444,
101.8435)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BBFF
RGB	179, 187, 255
RGB Percent	70%, 73%, 100%
CMY	0.2980, 0.2667, 0.0000
CMYK	0.30, 0.27, 0.00, 0.00
HSL	234°, 100%, 85%
HSV	234°, 30%, 100%
XYZ	54.4107, 52.3444, 101.8435
YIQ	192.3600, -26.5960, 19.4520

Conversions

Conversions Part 2

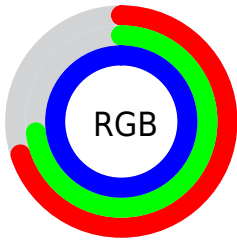
Format	Color
R_{YB}	179, 186, 255
Decimal	11779071
CIE _{Lab}	77.49, 12.20, -34.41
CIE _{LCh}	77, 36.510, 289.529
Yxy	52.3444, 0.2608, 0.2509
Android (android.graphics.Color)	4289969151 (0xFFB3BBFF)
YUV	192.3600, 30.8815, -11.7167
Hunter-Lab	72.3494, 7.6302, -32.8156

Details

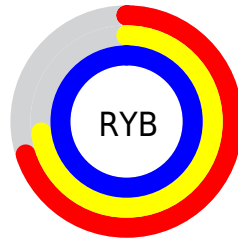
The XYZ color **54.4107, 52.3444, 101.8435** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.6375, 91.0359, 55.8657**, and the grayscale version is **50.1509, 52.7626, 57.4585**.

A 20% lighter version of the original color is **84.6927, 89.1541, 107.3524**, and **27.0303, 25.4125, 56.9065** is the 20% darker color. If you saturate the color by 10%, you get **44.5913, 40.6598, 100.1057**, and if you desaturate by 10%, it is **66.0920, 66.1326, 103.8892**.

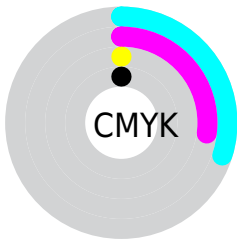
Distribution



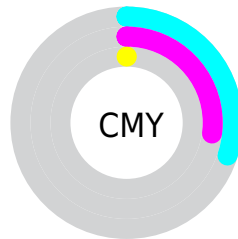
- Red (70%)
- Green (73%)
- Blue (100%)



- Red (70%)
- Yellow (73%)
- Blue (100%)



- Cyan (30%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4107, 52.3444, 101.8435 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 54.4107, 52.3444, 101.8435 by changing the saturation by 10% instead.

■ 54.4107, 52.3444,
101.8435

■ 54.4107, 52.3444,
101.8435

393.8470,
395.7647, 587.3842

■ 39.1621, 37.2797,
77.2156

■ 95.8304, 93.6390,
165.7622

■ 27.0671, 25.4241,
56.9172

122.7321,
120.6376, 205.8900

■ 17.7605, 16.3933,
40.5299

154.2490,
152.3829, 252.0216

■ 10.8768, 9.8029,
27.6350

190.7463,
189.2594, 304.5754

■ 6.0507, 5.2685,
17.8140

232.5894,
231.6515, 363.9701

■ 2.9169, 2.4056,
10.6485

280.1436,

■ 1.1100, 0.8288,

279.9434, 430.6240

5.7198

333.7744,
334.5197, 504.9559

■ 0.0334, 0.0000,
2.6095

■ 0.0000, 0.0000,
0.8973

■ 54.4107, 52.3444,
101.8435

■ 54.4107, 52.3444,
101.8435

■ 44.5913, 40.6598,
100.1057

■ 66.0920, 66.1326,
103.8892

■ 36.5325, 30.9694,
98.6600

■ 79.7197, 82.1147,
106.2558

■ 30.1310, 23.1629,
97.4905

95.0500, 100.0000,
108.9000

■ 25.2702, 17.1167,
96.5797

■ 21.8185, 12.6924,
95.9077

■ 19.6214, 9.7304,
95.4517

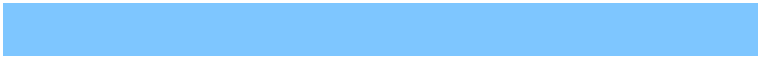
■ 18.4550, 8.0208,
95.1832

■ 18.4384, 7.9968,
95.1795

Harmonies

Analogous

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



47.3343, 52.3444, 104.1924



54.4107, 52.3444, 101.8435



60.7649, 52.3444, 86.0097

Triad

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



54.4107, 52.3444, 101.8435



59.0557, 52.3444, 32.3163



37.6032, 52.3444, 50.2410

Complementary

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



54.4107, 52.3444, 101.8435



82.6375, 91.0359, 55.8657

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.



40.1569, 52.3444, 35.3705



54.4107, 52.3444, 101.8435



52.2503, 52.3444, 26.7623

Square

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



54.4107, 52.3444, 101.8435



63.6166, 52.3444, 45.0030



45.3667, 52.3444, 27.7301



38.0637, 52.3444, 70.9459

Rectangle

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



54.4107, 52.3444, 101.8435



63.5271, 52.3444, 71.6409



45.3667, 52.3444, 27.7301



38.1274, 52.3444, 44.4935

Sweetspot

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



54.4123, 52.3464, 101.8438



80.9006, 83.4956, 106.4601



71.0062, 87.7661, 100.4945



16.8600, 17.3381, 22.7079



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.



54.4123, 52.3464, 101.8438



48.1128, 44.8628, 100.7313



60.2212, 52.8910, 101.6427



17.1569, 17.6854, 22.7593



9.6840, 4.2777, 49.7499



0.9912, 0.5130, 4.8601

Inverse Universe

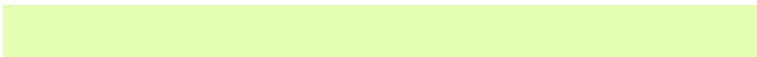
The Inverse Universe completely reimagines the original color for something new.



66.3308, 57.0895, 54.5392



61.9024, 50.5374, 45.9585



75.2196, 90.9222, 56.2347



18.0871, 18.0181, 19.0757



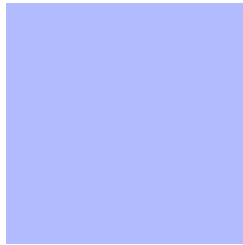
21.6763, 11.1598, 1.6797



2.1349, 1.0963, 0.2918

Previews

White Background



This preview shows how the XYZ color 54.4107, 52.3444, 101.8435 looks on a white background.

Color Contrast Check

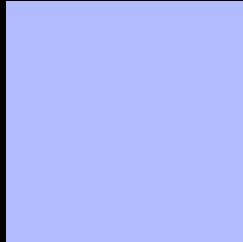
Large Text (above 18pt) WCAG AA × Fail

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 54.4107, 52.3444, 101.8435 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 54.4107, 52.3444, 101.8435

Background



This preview shows how black text looks on a background with the XYZ color 54.4107, 52.3444, 101.8435.



This preview shows how white text looks on a background with the XYZ color 54.4107, 52.3444,

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

54.4107, 52.3444, 101.8435

Protanopia

53.4812, 52.4994, 101.9224

Deuteranopia

53.7124, 52.3004, 101.8718



Tritanopia

47.8505, 52.2794, 69.1970

Trichromacy



Original Color

54.4107, 52.3444, 101.8435

Protanomaly

53.7124, 52.3004, 101.8718

Deuteranomaly

53.9377, 52.4165, 101.8823

Tritanomaly

49.9483, 52.1296, 80.1025

Monochromacy



Original Color

54.4107, 52.3444, 101.8435

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.1727, 52.2980, 71.6874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4107, 52.3444, 101.8435 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(179, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 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(179, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.4107, 52.3444, 101.8435 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(179, 187, 255) }
```


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

```
.border{ border-color:rgb(179, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4107, 52.3444, 101.8435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 255) }
```

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

```
.background{ background-color: rgb(179,  
187, 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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