

Converting Colors

XYZ(54.4019, 52.5705,
109.5149)

Have a look what the booklet for
XYZ(54.4019, 52.5705, 109.5149)
contains.

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Color

**XYZ(52.8278, 51.8444,
101.8304)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBCFF
RGB	171, 188, 255
RGB Percent	67%, 74%, 100%
CMY	0.3294, 0.2627, 0.0000
CMYK	0.33, 0.26, 0.00, 0.00
HSL	228°, 100%, 84%
HSV	228°, 33%, 100%
XYZ	52.8278, 51.8444, 101.8304
YIQ	190.5550, -31.6390, 17.2330

Conversions

Conversions Part 2

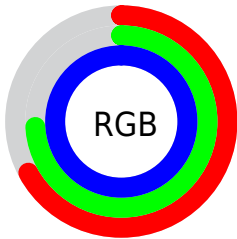
Format	Color
RYB	171, 185, 255
Decimal	11255039
CIELab	77.19, 9.43, -34.92
CIELCh	77, 36.167, 285.108
Yxy	51.8444, 0.2558, 0.2511
Android (android.graphics.Color)	4289445119 (0xFFABBCFF)
YUV	190.5550, 31.7714, -17.1497
Hunter-Lab	72.0031, 4.9580, -33.4488

Details

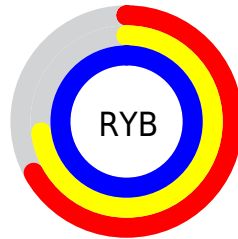
The XYZ color **52.8278, 51.8444, 101.8304** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.1655, 85.3494, 50.8315**, and the grayscale version is **49.1004, 51.6574, 56.2549**.

A 20% lighter version of the original color is **82.3956, 88.4153, 107.3309**, and **26.0595, 25.1182, 56.9009** is the 20% darker color. If you saturate the color by 10%, you get **43.7568, 41.1672, 100.2476**, and if you desaturate by 10%, it is **63.5857, 64.3025, 103.6680**.

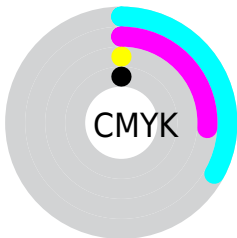
Distribution



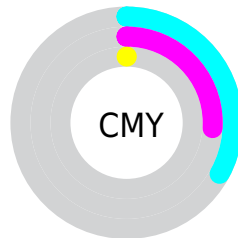
- Red (67%)
- Green (74%)
- Blue (100%)



- Red (67%)
- Yellow (73%)
- Blue (100%)



- Cyan (33%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8278, 51.8444, 101.8304 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 52.8278, 51.8444, 101.8304 by changing the saturation by 10% instead.

■ 52.8278, 51.8444,
101.8304

■ 52.8278, 51.8444,
101.8304

387.8958,
393.8356, 587.3420

■ 37.8922, 36.8811,
77.2047

■ 93.5180, 92.9017,
165.7441

■ 26.0759, 25.1154,
56.9083

120.0033,
119.7645, 205.8691

■ 17.0134, 16.1631,
40.5228

151.0692,
151.3625, 251.9976

■ 10.3394, 9.6396,
27.6295

187.0811,
188.0803, 304.5482

■ 5.6886, 5.1607,
17.8099

228.4044,
230.3020, 363.9394

■ 2.6955, 2.3418,
10.6456

275.4044,

■ 0.9949, 0.7957,

278.4122, 430.5898

5.7179

328.4464,
332.7953, 504.9178

■ 0.0000, 0.0000,
2.6083

■ 0.0000, 0.0000,
0.8967

■ 52.8278, 51.8444,
101.8304

■ 52.8278, 51.8444,
101.8304

■ 43.7568, 41.1672,
100.2476

■ 63.5857, 64.3025,
103.6680

■ 36.2806, 32.1822,
98.9073

■ 76.1066, 78.6128,
105.7703

■ 30.3055, 24.8017,
97.7977

■ 90.4677, 94.8501,
108.1475

■ 25.7255, 18.9274,
96.9052

95.0500, 100.0000,
108.9000

■ 22.4200, 14.4495,
96.2151

■ 20.2459, 11.2415,
95.7105

■ 19.2606, 9.6413,
95.4535

Harmonies

Analogous

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



45.9342, 51.8444, 101.8854



52.8278, 51.8444, 101.8304



59.3206, 51.8444, 87.8552

Triad

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



52.8278, 51.8444, 101.8304



59.2805, 51.8444, 33.5214



37.4999, 51.8444, 47.2084

Complementary

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



52.8278, 51.8444, 101.8304



79.1655, 85.3494, 50.8315

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.



40.4355, 51.8444, 33.5931



52.8278, 51.8444, 101.8304



52.7772, 51.8444, 27.0426

Square

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



52.8278, 51.8444, 101.8304



63.2766, 51.8444, 47.0857



45.8881, 51.8444, 27.0653



37.5107, 51.8444, 66.9796

Rectangle

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



52.8278, 51.8444, 101.8304



62.3636, 51.8444, 74.0636



45.8881, 51.8444, 27.0653



38.1618, 51.8444, 41.8765

Sweetspot

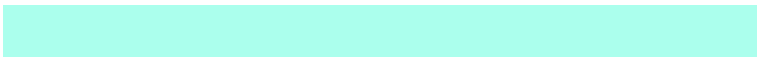
The Sweet Spot groups the original color and five complimentary colors.



52.8294, 51.8463, 101.8307



80.1342, 83.1831, 106.4402



67.8123, 86.2811, 93.0481



16.7356, 17.3325, 22.7134



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.



52.8294, 51.8463, 101.8307



46.2542, 44.1270, 100.6872



55.0683, 47.9230, 100.9554



17.3007, 17.9730, 22.8072



10.1475, 5.2045, 49.9043



1.0610, 0.6527, 4.8833

Inverse Universe

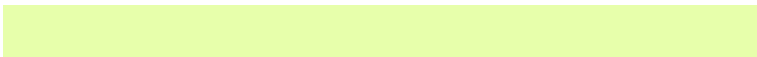
The Inverse Universe completely reimagines the original color for something new.



64.8811, 54.0182, 54.5860



60.2365, 47.0846, 45.7760



76.1309, 91.4828, 52.1753



18.1597, 18.0472, 19.4580



21.9102, 11.2534, 2.9114



2.1701, 1.1104, 0.4774

Previews

White Background



This preview shows how the XYZ color 52.8278, 51.8444, 101.8304 looks on a white background.

Color Contrast Check

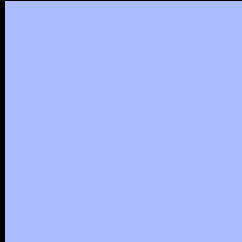
Large Text (above 18pt) WCAG AA × Fail

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 52.8278, 51.8444, 101.8304 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 52.8278, 51.8444, 101.8304

Background



This preview shows how black text looks on a background with the XYZ color 52.8278, 51.8444, 101.8304.



This preview shows how white text looks on a background with the XYZ color 52.8278, 51.8444,

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

52.8278, 51.8444, 101.8304

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

53.2668, 52.0707, 101.8509



Tritanopia

46.3215, 51.8104, 69.8464

Trichromacy



Original Color

52.8278, 51.8444, 101.8304

Protanomaly

52.8278, 51.8444, 101.8304

Deuteranomaly

53.0465, 51.9571, 101.8406

Tritanomaly

48.5906, 51.7407, 80.8247

Monochromacy



Original Color

52.8278, 51.8444, 101.8304

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.3182, 51.8723, 70.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8278, 51.8444, 101.8304 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(171, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 188, 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(171, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.8278, 51.8444, 101.8304 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(171, 188, 255) }
```


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

```
.border{ border-color:rgb(171, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8278, 51.8444, 101.8304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 188, 255) }
```

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

```
.background{ background-color: rgb(171,  
188, 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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