

Converting Colors

XYZ(58.6011, 54.2376,
101.9880)

Have a look what the booklet for
XYZ(58.6011, 54.2376, 101.9880)
contains.

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Color

**XYZ(58.6349, 54.2081,
101.9806)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BAFF
RGB	197, 186, 255
RGB Percent	77%, 73%, 100%
CMY	0.2274, 0.2706, 0.0000
CMYK	0.23, 0.27, 0.00, 0.00
HSL	250°, 100%, 86%
HSV	250°, 27%, 100%
XYZ	58.6349, 54.2081, 101.9806
YIQ	197.1550, -15.5930, 23.7910

Conversions

Conversions Part 2

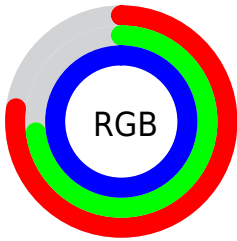
Format	Color
R _Y B	197, 186, 255
Decimal	12958463
CIE Lab	78.58, 17.96, -32.61
CIE LCh	79, 37.224, 298.839
Yxy	54.2081, 0.2729, 0.2523
Android (android.graphics.Color)	4291148543 (0xFFC5BAFF)
YUV	197.1550, 28.5176, -0.1359
Hunter-Lab	73.6262, 13.3093, -30.5851

Details

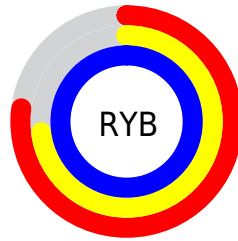
The XYZ color **58.6349, 54.2081, 101.9806** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.9318, 94.2986, 60.3397**, and the grayscale version is **53.0058, 55.7663, 60.7295**.

A 20% lighter version of the original color is **90.6752, 91.7951, 107.5469**, and **29.7359, 26.6031, 56.9937** is the 20% darker color. If you saturate the color by 10%, you get **48.5154, 41.7166, 100.1028**, and if you desaturate by 10%, it is **70.5143, 69.0324, 104.2158**.

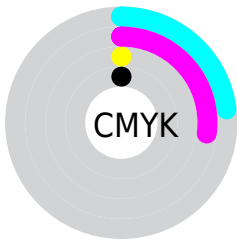
Distribution



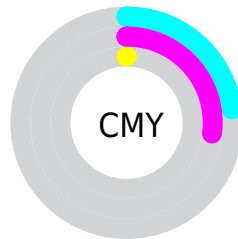
- Red (77%)
- Green (73%)
- Blue (100%)



- Red (77%)
- Yellow (73%)
- Blue (100%)



- Cyan (23%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6349, 54.2081, 101.9806 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 58.6349, 54.2081, 101.9806 by changing the saturation by 10% instead.

■ 58.6349, 54.2081,
101.9806

■ 58.6349, 54.2081,
101.9806

409.4634,
402.9031, 587.8250

■ 42.5645, 38.7681,
77.3296

■ 101.9645, 96.3797,
165.9519

■ 29.7366, 26.5793,
57.0102

129.9544,
123.8801, 206.1092

■ 19.7858, 17.2575,
40.6040

162.6483,
156.1694, 252.2724

■ 12.3468, 10.4183,
27.6925

200.4114,
193.6319, 304.8600

■ 7.0542, 5.6772,
17.8569

243.6091,
236.6522, 364.2905

■ 3.5427, 2.6498,
10.6789

292.6067,

■ 1.4468, 0.9518,

285.6145, 430.9825

5.7399

347.7697,
340.9034, 505.3544

■ 0.2892, 0.0000,
2.6214

■ 0.0000, 0.0000,
0.9035

■ 58.6349, 54.2081,
101.9806

■ 58.6349, 54.2081,
101.9806

■ 48.5154, 41.7166,
100.1028

■ 70.5143, 69.0324,
104.2158

■ 40.0664, 31.4322,
98.5630

■ 84.2273, 86.2937,
106.8248

■ 33.1979, 23.2272,
97.3413

95.0500, 100.0000,
108.9000

■ 27.8094, 16.9579,
96.4152

■ 23.7884, 12.4623,
95.7594

■ 21.0054, 9.5511,
95.3442

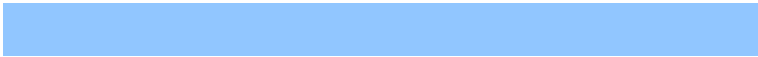
■ 19.3019, 7.9863,
95.1319

■ 18.9506, 7.6843,
95.0921

Harmonies

Analogous

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



51.2378, 54.2081, 109.3578



58.6349, 54.2081, 101.9806



64.5682, 54.2081, 82.5051

Triad

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



58.6349, 54.2081, 101.9806



59.1763, 54.2081, 30.7523



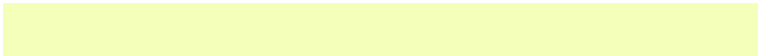
38.6619, 54.2081, 58.2085

Complementary

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



58.6349, 54.2081, 101.9806



81.9318, 94.2986, 60.3397

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.



40.3654, 54.2081, 40.4822



58.6349, 54.2081, 101.9806



51.8096, 54.2081, 27.1338

Square

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



58.6349, 54.2081, 101.9806



64.9010, 54.2081, 41.5950



45.0111, 54.2081, 30.2252



40.1229, 54.2081, 80.7450

Rectangle

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



58.6349, 54.2081, 101.9806



66.6467, 54.2081, 67.1976



45.0111, 54.2081, 30.2252



38.8803, 54.2081, 51.5405

Sweetspot

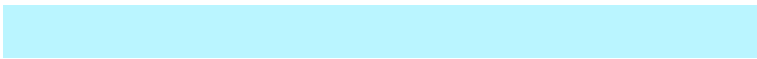
The Sweet Spot groups the original color and five complimentary colors.



58.6365, 54.2102, 101.9809



82.8542, 84.5594, 106.5625



70.8474, 82.7532, 106.8466



17.2726, 17.5168, 22.7207



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.



58.6365, 54.2102, 101.9809



53.4195, 47.7511, 101.0091



68.5168, 59.3037, 102.4433



17.2726, 17.5168, 22.7207



9.9813, 4.0560, 49.6914



1.0455, 0.4329, 4.8417

Inverse Universe

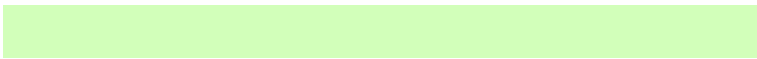
The Inverse Universe completely reimagines the original color for something new.



75.1290, 62.9112, 93.7719



72.2861, 57.7111, 91.3271



71.2451, 88.7894, 59.8396



18.6609, 18.2477, 22.0976



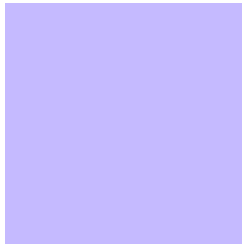
27.9608, 13.6736, 34.7735



2.7543, 1.3441, 3.5537

Previews

White Background



This preview shows how the XYZ color 58.6349, 54.2081, 101.9806 looks on a white background.

Color Contrast Check

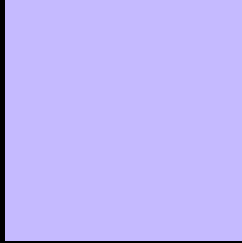
Large Text (above 18pt) WCAG AA × Fail

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 58.6349, 54.2081, 101.9806 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 58.6349, 54.2081, 101.9806

Background



This preview shows how black text looks on a background with the XYZ color 58.6349, 54.2081, 101.9806.



This preview shows how white text looks on a background with the XYZ color 58.6349, 54.2081,

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

58.6349, 54.2081, 101.9806

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.5763, 54.2411, 101.3063



Tritanopia

51.9109, 54.0555, 68.6705

Trichromacy



Original Color

58.6349, 54.2081, 101.9806

Protanomaly

56.2306, 54.2373, 102.1129

Deuteranomaly

56.5805, 54.1157, 101.2292

Tritanomaly

54.0965, 53.9591, 79.5155

Monochromacy



Original Color

58.6349, 54.2081, 101.9806

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.7508, 55.0722, 74.0740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6349, 54.2081, 101.9806 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(197, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 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(197, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.6349, 54.2081, 101.9806 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(197, 186, 255) }
```


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

```
.border{ border-color:rgb(197, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6349, 54.2081, 101.9806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 255) }
```

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

```
.background{ background-color: rgb(197,  
186, 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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