

Converting Colors

XYZ(58.1242, 57.6457,
102.6710)

Have a look what the booklet for
XYZ(58.1242, 57.6457, 102.6710)
contains.

XYZ(58.0238, 57.4668, 102.6418)	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(58.0238, 57.4668,
102.6418)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C5FF
RGB	185, 197, 255
RGB Percent	73%, 77%, 100%
CMY	0.2745, 0.2274, 0.0000
CMYK	0.27, 0.23, 0.00, 0.00
HSL	230°, 100%, 86%
HSV	230°, 27%, 100%
XYZ	58.0238, 57.4668, 102.6418
YIQ	200.0240, -25.7700, 15.4940

Conversions

Conversions Part 2

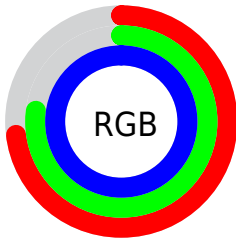
Format	Color
R _Y B	185, 195, 255
Decimal	12174847
CIE Lab	80.44, 8.46, -29.82
CIE LCh	80, 31.002, 285.837
Yxy	57.4668, 0.2660, 0.2634
Android (android.graphics.Color)	4290364927 (0xFFB9C5FF)
YUV	200.0240, 27.1032, -13.1760
Hunter-Lab	75.8069, 3.9648, -27.2133

Details

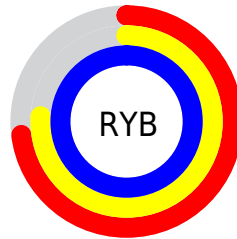
The XYZ color **58.0238, 57.4668, 102.6418** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.0476, 88.8635, 58.7286**, and the grayscale version is **54.7657, 57.6178, 62.7458**.

A 20% lighter version of the original color is **90.1098, 96.9809, 108.5776**, and **29.2214, 28.4680, 57.3808** is the 20% darker color. If you saturate the color by 10%, you get **47.9491, 45.6445, 100.8908**, and if you desaturate by 10%, it is **69.8775, 71.2069, 104.6691**.

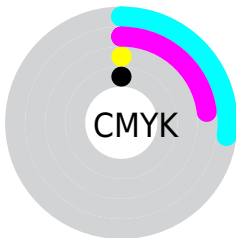
Distribution



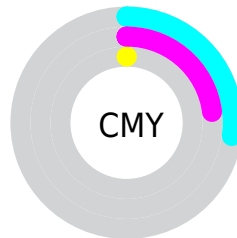
- Red (73%)
- Green (77%)
- Blue (100%)



- Red (73%)
- Yellow (76%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0238, 57.4668, 102.6418 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 58.0238, 57.4668, 102.6418 by changing the saturation by 10% instead.

■ 58.0238, 57.4668,
102.6418

■ 58.0238, 57.4668,
102.6418

407.2270,
415.1962, 589.9486

■ 42.0711, 41.3801,
77.8795

■ 101.0803,
101.1460, 166.8664

■ 29.3483, 28.6162,
57.4591

128.9148,
129.5073, 207.1657

■ 19.4901, 18.7907,
40.9622

161.4406,
162.7290, 253.4811

■ 12.1310, 11.5191,
27.9700

199.0231,
201.1954, 306.2312

■ 6.9058, 6.4172,
18.0642

242.0277,
245.2909, 365.8344

■ 3.4491, 3.1004,
10.8262

290.8196,

■ 1.3955, 1.1844,

295.3999, 432.7094

5.8374

345.7643,
351.9069, 507.2746

■ 0.2530, 0.0489,
2.6793

■ 0.0000, 0.0000,
0.9330

■ 58.0238, 57.4668,
102.6418

■ 58.0238, 57.4668,
102.6418

■ 47.9491, 45.6445,
100.8908

■ 69.8775, 71.2069,
104.6691

■ 39.5614, 35.6475,
99.4033

■ 83.5858, 86.9388,
106.9832

■ 32.7684, 27.3851,
98.1665

95.0500, 100.0000,
108.9000

■ 27.4662, 20.7563,
97.1665

■ 23.5384, 15.6493,
96.3877

■ 20.8507, 11.9370,
95.8129

■ 19.2342, 9.4676,
95.4214

■ 18.9403, 9.0006,
95.3468

Harmonies

Analogous

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



51.6846, 57.4668, 103.0104



58.0238, 57.4668, 102.6418



63.8643, 57.4668, 90.2594

Triad

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



58.0238, 57.4668, 102.6418



63.5845, 57.4668, 40.6733



43.6077, 57.4668, 54.3929

Complementary

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



58.0238, 57.4668, 102.6418



82.0476, 88.8635, 58.7286

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.



46.3146, 57.4668, 41.2184



58.0238, 57.4668, 102.6418



57.6654, 57.4668, 34.4020

Square

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



58.0238, 57.4668, 102.6418



67.2407, 57.4668, 53.4981



51.3529, 57.4668, 34.5799



43.6872, 57.4668, 72.6170

Rectangle

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



58.0238, 57.4668, 102.6418



66.5461, 57.4668, 78.0187



51.3529, 57.4668, 34.5799



44.2122, 57.4668, 49.3111

Sweetspot

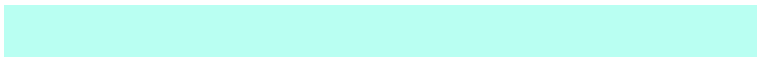
The Sweet Spot groups the original color and five complimentary colors.



58.0255, 57.4690, 102.6421



82.7820, 86.0201, 106.8482



71.8205, 88.2555, 97.3858



17.2547, 17.8810, 22.7919



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.



58.0255, 57.4690, 102.6421



52.2190, 50.6753, 101.6368



61.1789, 55.2089, 102.0396



17.2547, 17.8810, 22.7919



9.9696, 4.8487, 49.8450



1.0372, 0.6051, 4.8754

Inverse Universe

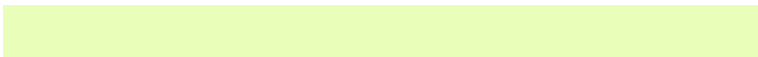
The Inverse Universe completely reimagines the original color for something new.



68.6681, 59.9906, 60.7859



64.5609, 53.8437, 53.0429



78.0675, 92.3187, 59.6053



18.1364, 18.0379, 19.3357



21.8204, 11.2174, 2.4386



2.1581, 1.1056, 0.4141

Previews

White Background



This preview shows how the XYZ color 58.0238, 57.4668, 102.6418 looks on a white background.

Color Contrast Check

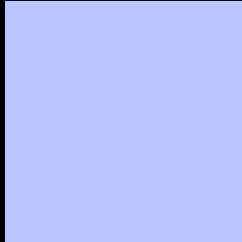
Large Text (above 18pt) WCAG AA × Fail

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 58.0238, 57.4668, 102.6418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

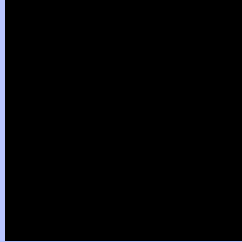
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0238, 57.4668, 102.6418

Background



This preview shows how black text looks on a background with the XYZ color 58.0238, 57.4668, 102.6418.



This preview shows how white text looks on a background with the XYZ color 58.0238, 57.4668,

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

58.0238, 57.4668, 102.6418

Protanopia

58.0238, 57.4668, 102.6418

Deuteranopia

58.7762, 57.5187, 102.6121



Tritanopia

52.6343, 57.3442, 76.0046

Trichromacy



Original Color

58.0238, 57.4668, 102.6418

Protanomaly

58.0238, 57.4668, 102.6418

Deuteranomaly

58.5290, 57.3912, 102.6005

Tritanomaly

54.6507, 57.4802, 85.3052

Monochromacy



Original Color

58.0238, 57.4668, 102.6418

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.8474, 57.6163, 75.8877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0238, 57.4668, 102.6418 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(185, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 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(185, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.0238, 57.4668, 102.6418 is called "border". The border property can be set on classes, ids or directly on the HTML element.

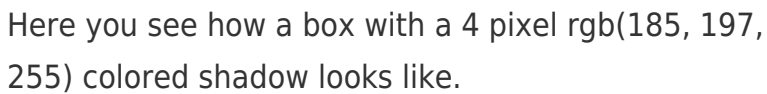
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 197, 255) }
```


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

```
.border{ border-color:rgb(185, 197, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 197, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 197, 255); box-shadow:4px 4px 4px 4px rgb(185, 197, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0238, 57.4668, 102.6418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 197, 255) }
```

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

```
.background{ background-color: rgb(185,  
197, 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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