

Converting Colors

XYZ(58.2312, 57.2000,
102.5793)

Have a look what the booklet for
XYZ(58.2312, 57.2000, 102.5793)
contains.

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Color

**XYZ(58.2834, 57.2647,
102.5891)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC4FF
RGB	187, 196, 255
RGB Percent	73%, 77%, 100%
CMY	0.2667, 0.2314, 0.0000
CMYK	0.27, 0.23, 0.00, 0.00
HSL	232°, 100%, 87%
HSV	232°, 27%, 100%
XYZ	58.2834, 57.2647, 102.5891
YIQ	200.0350, -24.3030, 16.4410

Conversions

Conversions Part 2

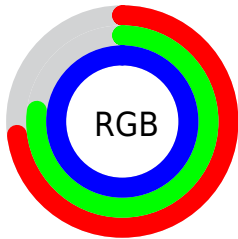
Format	Color
R _Y B	187, 195, 255
Decimal	12305663
CIE Lab	80.33, 9.58, -29.99
CIE LCh	80, 31.480, 287.717
Yxy	57.2647, 0.2672, 0.2625
Android (android.graphics.Color)	4290495743 (0xFFBBC4FF)
YUV	200.0350, 27.0977, -11.4317
Hunter-Lab	75.6734, 5.0515, -27.4070

Details

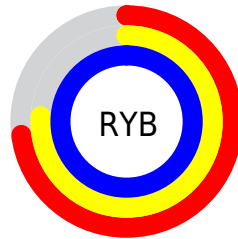
The XYZ color **58.2834, 57.2647, 102.5891** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1653, 90.7587, 60.1502**, and the grayscale version is **54.7719, 57.6243, 62.7528**.

A 20% lighter version of the original color is **90.4835, 96.7037, 108.5044**, and **29.3818, 28.3288, 57.3455** is the 20% darker color. If you saturate the color by 10%, you get **47.9623, 45.0751, 100.7802**, and if you desaturate by 10%, it is **70.4513, 71.5014, 104.6957**.

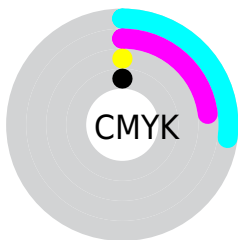
Distribution



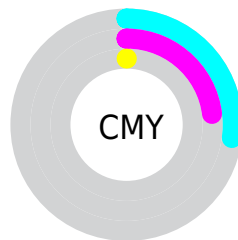
- Red (73%)
- Green (77%)
- Blue (100%)



- 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 58.2834, 57.2647, 102.5891 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 58.2834, 57.2647, 102.5891 by changing the saturation by 10% instead.

■ 58.2834, 57.2647,
102.5891

■ 58.2834, 57.2647,
102.5891

408.1780,
414.4404, 589.7795

■ 42.2807, 41.2178,
77.8357

■ 101.4560,
100.8513, 166.7935

■ 29.5132, 28.4893,
57.4233

129.3567,
129.1598, 207.0815

■ 19.6156, 18.6948,
40.9336

161.9539,
162.3243, 253.3848

■ 12.2226, 11.4500,
27.9479

199.6133,
200.7292, 306.1220

■ 6.9687, 6.3704,
18.0477

242.7000,
244.7588, 365.7114

■ 3.4887, 3.0716,
10.8144

291.5794,

■ 1.4172, 1.1692,

294.7977, 432.5718

5.8296

346.6170,
351.2301, 507.1217

■ 0.2684, 0.0363,
2.6746

■ 0.0000, 0.0000,
0.9306

■ 58.2834, 57.2647,
102.5891

■ 58.2834, 57.2647,
102.5891

■ 47.9623, 45.0751,
100.7802

■ 70.4513, 71.5014,
104.6957

■ 39.3924, 34.8317,
99.2547

■ 84.5454, 87.8668,
107.1117

■ 32.4768, 26.4347,
97.9984

95.0500, 100.0000,
108.9000

■ 27.1073, 19.7728,
96.9956

■ 23.1623, 14.7226,
96.2287

■ 20.5016, 11.1438,
95.6782

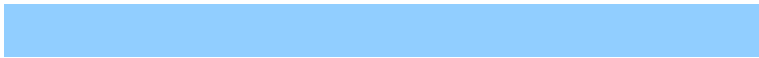
■ 18.9540, 8.8700,
95.3208

■ 18.6151, 8.3502,
95.2384

Harmonies

Analogous

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



51.8371, 57.2647, 103.8066



58.2834, 57.2647, 102.5891



64.1107, 57.2647, 89.3760

Triad

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



58.2834, 57.2647, 102.5891



63.1893, 57.2647, 39.6273



43.2060, 57.2647, 55.1092

Complementary

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



58.2834, 57.2647, 102.5891



83.1653, 90.7587, 60.1502

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.



45.7736, 57.2647, 41.4107



58.2834, 57.2647, 102.5891



57.1047, 57.2647, 33.7284

Square

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



58.2834, 57.2647, 102.5891



67.0931, 57.2647, 52.1723



50.7472, 57.2647, 34.3094



43.4670, 57.2647, 73.7755

Rectangle

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



58.2834, 57.2647, 102.5891



66.7061, 57.2647, 76.7843



50.7472, 57.2647, 34.3094



43.7580, 57.2647, 49.8511

Sweetspot

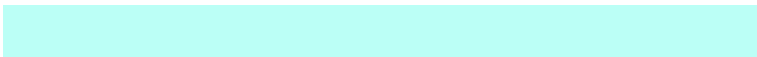
The Sweet Spot groups the original color and five complimentary colors.



58.2851, 57.2669, 102.5894



82.5503, 85.5567, 106.7710



72.8786, 88.7349, 100.4219



17.1968, 17.7653, 22.7726



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.



58.2851, 57.2669, 102.5894



52.5547, 50.5149, 101.5882



62.9536, 56.7492, 102.2434



17.1968, 17.7653, 22.7726



9.7860, 4.4815, 49.7838



1.0099, 0.5505, 4.8663

Inverse Universe

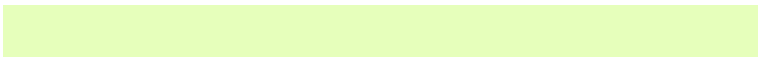
The Inverse Universe completely reimagines the original color for something new.



68.9752, 60.7876, 60.3248



64.9333, 54.7700, 52.6079



77.3848, 91.9422, 60.6833



18.1072, 18.0262, 19.1819



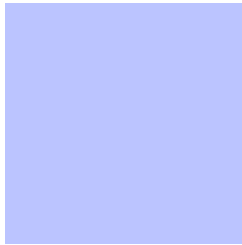
21.7277, 11.1804, 1.9506



2.1444, 1.1001, 0.3417

Previews

White Background



This preview shows how the XYZ color 58.2834, 57.2647, 102.5891 looks on a white background.

Color Contrast Check

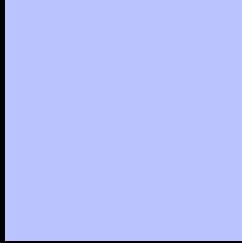
Large Text (above 18pt) WCAG AA × Fail

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 58.2834, 57.2647, 102.5891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

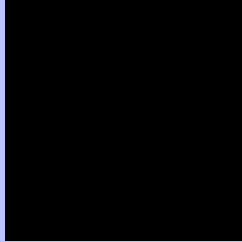
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2834, 57.2647, 102.5891

Background



This preview shows how black text looks on a background with the XYZ color 58.2834, 57.2647, 102.5891.



This preview shows how white text looks on a background with the XYZ color 58.2834, 57.2647,

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

58.2834, 57.2647, 102.5891

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.5514, 57.0690, 102.5372



Tritanopia

52.9645, 57.5296, 75.3306

Trichromacy



Original Color

58.2834, 57.2647, 102.5891

Protanomaly

58.0238, 57.4668, 102.6418

Deuteranomaly

58.3041, 56.9416, 102.5256

Tritanomaly

54.7482, 57.2020, 84.4995

Monochromacy



Original Color

58.2834, 57.2647, 102.5891

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 58.2834, 57.2647, 102.5891 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(187, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 196, 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(187, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.2834, 57.2647, 102.5891 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(187, 196, 255) }
```


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

```
.border{ border-color:rgb(187, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 196,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2834, 57.2647, 102.5891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 196, 255) }
```

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

```
.background{ background-color: rgb(187,  
196, 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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