

Converting Colors

XYZ(58.2248, 58.4864,
102.8280)

Have a look what the booklet for
XYZ(58.2248, 58.4864, 102.8280)
contains.

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Color

**XYZ(58.2327, 58.5958,
102.8487)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C8FF
RGB	183, 200, 255
RGB Percent	72%, 78%, 100%
CMY	0.2823, 0.2157, 0.0000
CMYK	0.28, 0.22, 0.00, 0.00
HSL	226°, 100%, 86%
HSV	226°, 28%, 100%
XYZ	58.2327, 58.5958, 102.8487
YIQ	201.1870, -27.7870, 13.5010

Conversions

Conversions Part 2

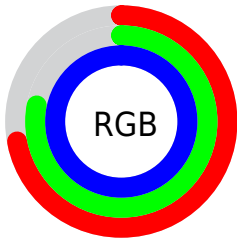
Format	Color
RYB	183, 197, 255
Decimal	12044543
CIELab	81.07, 6.26, -28.87
CIELCh	81, 29.546, 282.240
Yxy	58.5958, 0.2651, 0.2667
Android (android.graphics.Color)	4290234623 (0xFFB7C8FF)
YUV	201.1870, 26.5298, -15.9500
Hunter-Lab	76.5479, 1.8325, -26.0777

Details

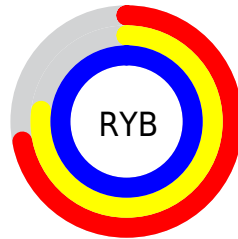
The XYZ color **58.2327, 58.5958, 102.8487** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.3620, 85.8278, 57.1324**, and the grayscale version is **55.4877, 58.3774, 63.5730**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **29.3740, 29.2242, 57.5187** is the 20% darker color. If you saturate the color by 10%, you get **48.4805, 47.2938, 101.1812**, and if you desaturate by 10%, it is **69.6618, 71.6182, 104.7599**.

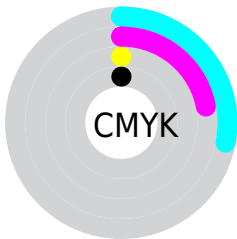
Distribution



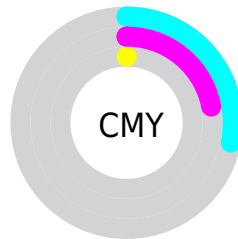
- Red (72%)
- Green (78%)
- Blue (100%)



- Red (72%)
- Yellow (77%)
- Blue (100%)



- Cyan (28%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2327, 58.5958, 102.8487 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 58.2327, 58.5958, 102.8487 by changing the saturation by 10% instead.

■ 58.2327, 58.5958,
102.8487

■ 58.2327, 58.5958,
102.8487

407.9924,
419.4024, 590.6123

■ 42.2397, 42.2878,
78.0516

■ 101.3827,
102.7900, 167.1524

■ 29.4810, 29.3267,
57.5997

129.2704,
131.4450, 207.4961

■ 19.5911, 19.3281,
41.0743

161.8537,
164.9844, 253.8591

■ 12.2047, 11.9076,
28.0570

199.4981,
203.7927, 306.6599

■ 6.9564, 6.6808,
18.1292

242.5687,
248.2543, 366.3171

■ 3.4810, 3.2633,
10.8724

291.4311,

■ 1.4129, 1.2707,

298.7535, 433.2492

5.8680

346.4505,
355.6747, 507.8747

■ 0.2654, 0.1183,
2.6975

■ 0.0000, 0.0000,
0.9422

■ 58.2327, 58.5958,
102.8487

■ 58.2327, 58.5958,
102.8487

■ 48.4805, 47.2938,
101.1812

■ 69.6618, 71.6182,
104.7599

■ 40.3192, 37.6318,
99.7464

■ 82.8379, 86.4233,
106.9231

■ 33.6627, 29.5327,
98.5339

95.0500, 100.0000,
108.9000

■ 28.4141, 22.9104,
97.5323

■ 24.4649, 17.6697,
96.7289

■ 21.6889, 13.7028,
96.1095

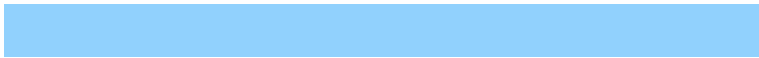
■ 19.9203, 10.8768,
95.6573

■ 19.6770, 10.4741,
95.5923

Harmonies

Analogous

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



52.1716, 58.5958, 101.6952



58.2327, 58.5958, 102.8487



64.0077, 58.5958, 92.2295

Triad

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



58.2327, 58.5958, 102.8487



64.8932, 58.5958, 43.6744



45.1958, 58.5958, 54.0389

Complementary

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



58.2327, 58.5958, 102.8487



80.3620, 85.8278, 57.1324

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.



48.1325, 58.5958, 41.9116



58.2327, 58.5958, 102.8487



59.3706, 58.5958, 36.7276

Square

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



58.2327, 58.5958, 102.8487



68.0382, 58.5958, 56.9015



53.2293, 58.5958, 36.1479



44.9404, 58.5958, 71.2365

Rectangle

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



58.2327, 58.5958, 102.8487



66.8005, 58.5958, 80.8690



53.2293, 58.5958, 36.1479



45.8915, 58.5958, 49.3210

Sweetspot

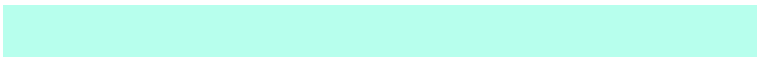
The Sweet Spot groups the original color and five complimentary colors.



58.2344, 58.5980, 102.8490



83.1678, 86.7916, 106.9768



70.5754, 87.7022, 93.3299



17.3511, 18.0739, 22.8240



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.



58.2344, 58.5980, 102.8490



52.4111, 51.8752, 101.8583



59.0722, 53.5062, 101.8220



17.3511, 18.0739, 22.8240



10.3760, 5.6616, 49.9805



1.0899, 0.7105, 4.8930

Inverse Universe

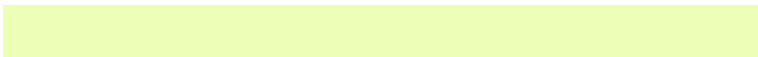
The Inverse Universe completely reimagines the original color for something new.



68.6000, 59.2987, 62.4761



64.4587, 53.0404, 54.8552



79.2329, 92.9437, 58.5655



18.1851, 18.0574, 19.5920



22.0255, 11.2995, 3.5189



2.1847, 1.1163, 0.5542

Previews

White Background



This preview shows how the XYZ color 58.2327, 58.5958, 102.8487 looks on a white background.

Color Contrast Check

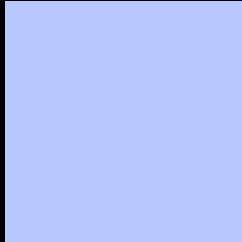
Large Text (above 18pt) WCAG AA × Fail

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 58.2327, 58.5958, 102.8487 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 58.2327, 58.5958, 102.8487

Background



This preview shows how black text looks on a background with the XYZ color 58.2327, 58.5958, 102.8487.



This preview shows how white text looks on a background with the XYZ color 58.2327, 58.5958,

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

58.2327, 58.5958, 102.8487

Protanopia

58.8063, 58.5674, 101.9711

Deuteranopia

59.7545, 58.3590, 102.7227



Tritanopia

53.1606, 58.6466, 77.6253

Trichromacy



Original Color

58.2327, 58.5958, 102.8487

Protanomaly

58.5625, 58.4417, 101.9597

Deuteranomaly

59.2303, 58.4270, 102.7635

Tritanomaly

55.0346, 58.7100, 86.2734

Monochromacy



Original Color

58.2327, 58.5958, 102.8487

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.1859, 58.4631, 76.7298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2327, 58.5958, 102.8487 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(183, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 200, 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(183, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 200, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.2327, 58.5958, 102.8487 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(183, 200, 255) }
```


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

```
.border{ border-color:rgb(183, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 200, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 200, 255); box-shadow:4px 4px 4px 4px rgb(183, 200, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2327, 58.5958, 102.8487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 200, 255) }
```

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

```
.background{ background-color: rgb(183,  
200, 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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