

Converting Colors

XYZ(60.6906, 59.3646,
112.1442)

Have a look what the booklet for
XYZ(60.6906, 59.3646, 112.1442)
contains.

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Color

**XYZ(58.9669, 58.6316,
102.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC7FF
RGB	187, 199, 255
RGB Percent	73%, 78%, 100%
CMY	0.2667, 0.2196, 0.0000
CMYK	0.27, 0.22, 0.00, 0.00
HSL	229°, 100%, 87%
HSV	229°, 27%, 100%
XYZ	58.9669, 58.6316, 102.8169
YIQ	201.7960, -25.1280, 14.8720

Conversions

Conversions Part 2

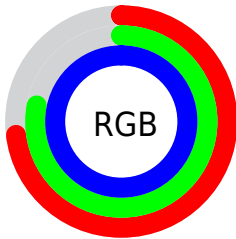
Format	Color
RYB	187, 197, 255
Decimal	12306431
CIELab	81.09, 7.96, -28.82
CIELCh	81, 29.898, 285.433
Yxy	58.6316, 0.2675, 0.2660
Android (android.graphics.Color)	4290496511 (0xFFBBC7FF)
YUV	201.7960, 26.2296, -12.9761
Hunter-Lab	76.5713, 3.4616, -26.0124

Details

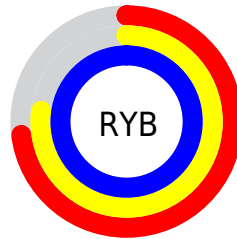
The XYZ color **58.9669, 58.6316, 102.8169** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2603, 88.9487, 59.8487**, and the grayscale version is **55.8663, 58.7757, 64.0068**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.8342, 29.2335, 57.4963** is the 20% darker color. If you saturate the color by 10%, you get **48.7708, 46.6920, 101.0497**, and if you desaturate by 10%, it is **70.9407, 72.4801, 104.8588**.

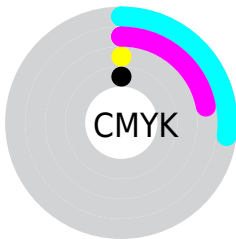
Distribution



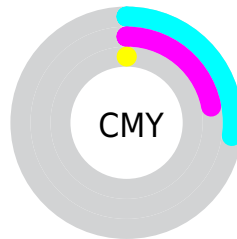
- Red (73%)
- Green (78%)
- Blue (100%)



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



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9669, 58.6316, 102.8169 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 58.9669, 58.6316, 102.8169 by changing the saturation by 10% instead.

■ 58.9669, 58.6316,
102.8169

■ 58.9669, 58.6316,
102.8169

410.6753,
419.5353, 590.5103

■ 42.8327, 42.3166,
78.0252

■ 102.4445,
102.8420, 167.1084

■ 29.9479, 29.3493,
57.5781

130.5186,
131.5063, 207.4453

■ 19.9469, 19.3452,
41.0571

163.3034,
165.0558, 253.8010

■ 12.4645, 11.9200,
28.0437

201.1642,
203.8749, 306.5940

■ 7.1353, 6.6892,
18.1192

244.4665,
248.3480, 366.2429

■ 3.5939, 3.2685,
10.8653

293.5755,

■ 1.4751, 1.2735,

298.8595, 433.1662

5.8633

348.8567,
355.7938, 507.7825

■ 0.3088, 0.1205,
2.6947

■ 0.0000, 0.0000,
0.9408

■ 58.9669, 58.6316,
102.8169

■ 58.9669, 58.6316,
102.8169

■ 48.7708, 46.6920,
101.0497

■ 70.9407, 72.4801,
104.8588

■ 40.2617, 36.5701,
99.5445

■ 84.7671, 88.3100,
107.1856

■ 33.3481, 28.1772,
98.2889

95.0500, 100.0000,
108.9000

■ 27.9280, 21.4143,
97.2691

■ 23.8869, 16.1718,
96.4702

■ 21.0928, 12.3262,
95.8752

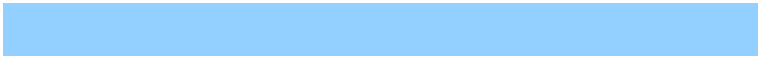
■ 19.3848, 9.7315,
95.4644

■ 18.9886, 9.0972,
95.3629

Harmonies

Analogous

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



52.7771, 58.6316, 103.0009



58.9669, 58.6316, 102.8169



64.6775, 58.6316, 90.9792

Triad

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



58.9669, 58.6316, 102.8169



64.5366, 58.6316, 42.4389



44.9482, 58.6316, 55.6170

Complementary

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



58.9669, 58.6316, 102.8169



82.2603, 88.9487, 59.8487

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.



47.6439, 58.6316, 42.7180



58.9669, 58.6316, 102.8169



58.7860, 58.6316, 36.1255

Square

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



58.9669, 58.6316, 102.8169



68.0523, 58.6316, 55.1626



52.6091, 58.6316, 36.2171



44.9887, 58.6316, 73.3824

Rectangle

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



58.9669, 58.6316, 102.8169



67.3117, 58.6316, 79.1441



52.6091, 58.6316, 36.2171



45.5551, 58.6316, 50.6478

Sweetspot

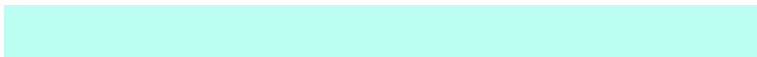
The Sweet Spot groups the original color and five complimentary colors.



58.9686, 58.6339, 102.8172



82.8119, 86.0800, 106.8582



72.3616, 88.5281, 97.6992



17.2622, 17.8959, 22.7944



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.



58.9686, 58.6339, 102.8172



53.3131, 52.0317, 101.8410



61.9842, 56.2496, 102.1981



17.2622, 17.8959, 22.7944



9.9965, 4.9026, 49.8540



1.0409, 0.6125, 4.8766

Inverse Universe

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



69.3202, 60.9257, 62.1415



65.3161, 54.9231, 54.6236



78.4871, 92.5104, 60.7350



18.1402, 18.0394, 19.3556



21.8340, 11.2229, 2.5103



2.1600, 1.1064, 0.4240

Previews

White Background



This preview shows how the XYZ color 58.9669, 58.6316, 102.8169 looks on a white background.

Color Contrast Check

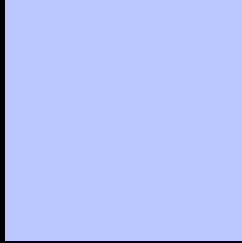
Large Text (above 18pt) WCAG AA × Fail

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 58.9669, 58.6316, 102.8169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

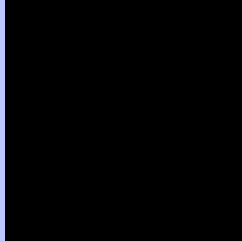
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9669, 58.6316, 102.8169

Background



This preview shows how black text looks on a background with the XYZ color 58.9669, 58.6316, 102.8169.



This preview shows how white text looks on a background with the XYZ color 58.9669, 58.6316,

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

58.9669, 58.6316, 102.8169

Protanopia

58.9669, 58.6316, 102.8169

Deuteranopia

59.7545, 58.3590, 102.7227



Tritanopia

53.7049, 58.5864, 76.8844

Trichromacy



Original Color

58.9669, 58.6316, 102.8169

Protanomaly

58.9669, 58.6316, 102.8169

Deuteranomaly

59.4793, 58.5553, 102.7752

Tritanomaly

55.5924, 58.6623, 85.4837

Monochromacy



Original Color

58.9669, 58.6316, 102.8169

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.9637, 58.8641, 76.7662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9669, 58.6316, 102.8169 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 199, 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, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.9669, 58.6316, 102.8169 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, 199, 255) }
```


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

```
.border{ border-color:rgb(187, 199, 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, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9669, 58.6316, 102.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 199, 255) }
```

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

```
.background{ background-color: rgb(187,  
199, 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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