

Converting Colors

XYZ(69.0570, 63.5478,
153.4950)

Have a look what the booklet for
XYZ(69.0570, 63.5478, 153.4950)
contains.

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Color

**XYZ(59.4302, 59.5581,
102.9713)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC9FF
RGB	187, 201, 255
RGB Percent	73%, 79%, 100%
CMY	0.2667, 0.2117, 0.0000
CMYK	0.27, 0.21, 0.00, 0.00
HSL	228°, 100%, 87%
HSV	228°, 27%, 100%
XYZ	59.4302, 59.5581, 102.9713
YIQ	202.9700, -25.6780, 13.8260

Conversions

Conversions Part 2

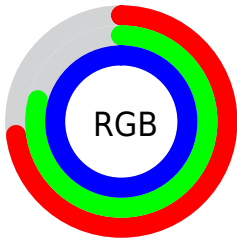
Format	Color
RYB	187, 199, 255
Decimal	12306943
CIELab	81.60, 6.88, -28.04
CIELCh	82, 28.873, 283.780
Yxy	59.5581, 0.2678, 0.2683
Android (android.graphics.Color)	4290497023 (0xFFBBC9FF)
YUV	202.9700, 25.6508, -14.0057
Hunter-Lab	77.1739, 2.4053, -25.0875

Details

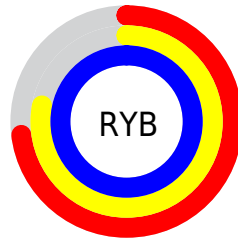
The XYZ color **59.4302, 59.5581, 102.9713** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.6651, 87.7582, 59.6504**, and the grayscale version is **56.6031, 59.5509, 64.8509**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **30.1425, 29.8502, 57.5991** is the 20% darker color. If you saturate the color by 10%, you get **49.3236, 47.7975, 101.2339**, and if you desaturate by 10%, it is **71.2702, 73.1389, 104.9686**.

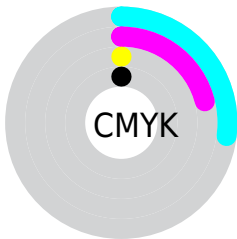
Distribution



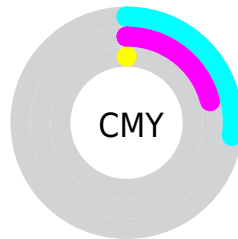
- Red (73%)
- Green (79%)
- Blue (100%)



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



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4302, 59.5581, 102.9713 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 59.4302, 59.5581, 102.9713 by changing the saturation by 10% instead.

■ 59.4302, 59.5581,
102.9713

■ 59.4302, 59.5581,
102.9713

412.3628,
422.9670, 591.0053

■ 43.2072, 43.0626,
78.1536

■ 103.1137,
104.1884, 167.3218

■ 30.2430, 29.9342,
57.6830

131.3050,
133.0919, 207.6918

■ 20.1721, 19.7886,
41.1408

164.2164,
166.9002, 254.0830

■ 12.6292, 12.2415,
28.1086

202.2132,
205.9976, 306.9138

■ 7.2489, 6.9084,
18.1678

245.6610,
250.7686, 366.6030

■ 3.6660, 3.4049,
10.8998

294.9249,

■ 1.5150, 1.3466,

301.5976, 433.5689

5.8862

350.3704,
358.8689, 508.2302

■ 0.3360, 0.1768,
2.7083

■ 0.0000, 0.0000,
0.9476

■ 59.4302, 59.5581,
102.9713

■ 59.4302, 59.5581,
102.9713

■ 49.3236, 47.7975,
101.2339

■ 71.2702, 73.1389,
104.9686

■ 40.8624, 37.7716,
99.7447

■ 84.9154, 88.6065,
107.2350

■ 33.9587, 29.3983,
98.4924

95.0500, 100.0000,
108.9000

■ 28.5138, 22.5859,
97.4644

■ 24.4175, 17.2330,
96.6471

■ 21.5425, 13.2255,
96.0251

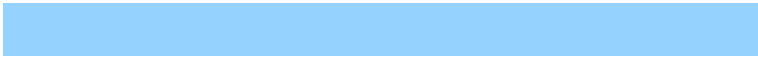
■ 19.7337, 10.4293,
95.5807

■ 19.3007, 9.7213,
95.4669

Harmonies

Analogous

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



53.4146, 59.5581, 102.4715



59.4302, 59.5581, 102.9713



65.0617, 59.5581, 92.0584

Triad

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



59.4302, 59.5581, 102.9713



65.4474, 59.5581, 44.3860



46.1378, 59.5581, 55.9645

Complementary

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



59.4302, 59.5581, 102.9713



81.6651, 87.7582, 59.6504

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.



48.9206, 59.5581, 43.6102



59.4302, 59.5581, 102.9713



59.9266, 59.5581, 37.7872

Square

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



59.4302, 59.5581, 102.9713



68.6996, 59.5581, 57.2179



53.8770, 59.5581, 37.5312



46.0259, 59.5581, 73.1294

Rectangle

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



59.4302, 59.5581, 102.9713



67.7215, 59.5581, 80.7430



53.8770, 59.5581, 37.5312



46.7825, 59.5581, 51.1903

Sweetspot

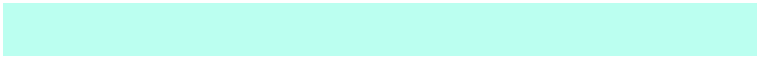
The Sweet Spot groups the original color and five complimentary colors.



59.4319, 59.5604, 102.9716



82.9871, 86.4304, 106.9166



72.0223, 88.3924, 95.9120



17.3059, 17.9835, 22.8090



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.



59.4319, 59.5604, 102.9716



53.8293, 53.0642, 102.0131



61.3494, 55.9224, 102.1684



17.3059, 17.9835, 22.8090



10.1695, 5.2486, 49.9117



1.0639, 0.6584, 4.8843

Inverse Universe

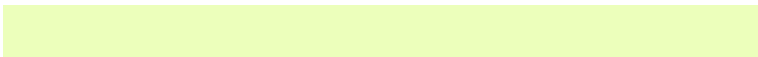
The Inverse Universe completely reimagines the original color for something new.



69.5541, 61.0193, 63.3728



65.5767, 55.0273, 55.9959



79.2339, 92.8954, 60.7701



18.1623, 18.0482, 19.4719



21.9213, 11.2578, 2.9701



2.1716, 1.1110, 0.4850

Previews

White Background



This preview shows how the XYZ color 59.4302, 59.5581, 102.9713 looks on a white background.

Color Contrast Check

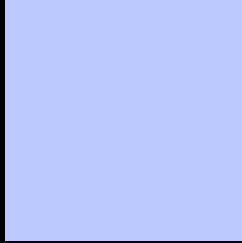
Large Text (above 18pt) WCAG AA × Fail

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 59.4302, 59.5581, 102.9713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

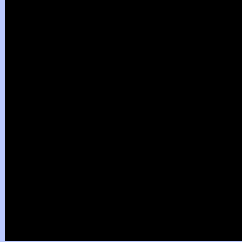
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4302, 59.5581, 102.9713

Background



This preview shows how black text looks on a background with the XYZ color 59.4302, 59.5581, 102.9713.



This preview shows how white text looks on a background with the XYZ color 59.4302, 59.5581,

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

59.4302, 59.5581, 102.9713

Protanopia

59.6905, 59.3474, 102.9169

Deuteranopia

60.9791, 59.6689, 102.9111



Tritanopia

54.6882, 59.7771, 78.4678

Trichromacy



Original Color

59.4302, 59.5581, 102.9713

Protanomaly

59.4433, 59.2199, 102.9053

Deuteranomaly

60.4425, 59.7350, 102.9521

Tritanomaly

56.3552, 59.7281, 87.1557

Monochromacy



Original Color

59.4302, 59.5581, 102.9713

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3313, 59.3853, 77.5481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4302, 59.5581, 102.9713 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.4302, 59.5581, 102.9713 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, 201, 255) }
```


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

```
.border{ border-color:rgb(187, 201, 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, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4302, 59.5581, 102.9713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 255) }
```

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

```
.background{ background-color: rgb(187,  
201, 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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