

Converting Colors

XYZ(57.7908, 55.2211,
102.2206)

Have a look what the booklet for
XYZ(57.7908, 55.2211, 102.2206)
contains.

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Color

**XYZ(57.9160, 55.4288,
102.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBFFF
RGB	190, 191, 255
RGB Percent	75%, 75%, 100%
CMY	0.2549, 0.2510, 0.0000
CMYK	0.25, 0.25, 0.00, 0.00
HSL	239°, 100%, 87%
HSV	239°, 25%, 100%
XYZ	57.9160, 55.4288, 102.2541
YIQ	197.9970, -21.1400, 19.6920

Conversions

Conversions Part 2

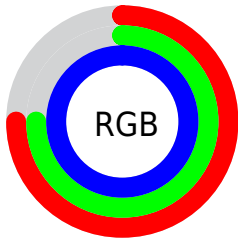
Format	Color
R_{YB}	190, 191, 255
Decimal	12500991
CIE _{Lab}	79.29, 13.17, -31.57
CIE _{LCh}	79, 34.205, 292.648
Yxy	55.4288, 0.2686, 0.2571
Android (android.graphics.Color)	4290691071 (0xFFBEBFFF)
YUV	197.9970, 28.1025, -7.0134
Hunter-Lab	74.4505, 8.5690, -29.3165

Details

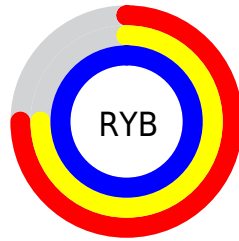
The XYZ color **57.9160, 55.4288, 102.2541** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.9760, 95.8607, 62.6884**, and the grayscale version is **53.5200, 56.3072, 61.3186**.

A 20% lighter version of the original color is **89.6685, 93.5157, 107.9320**, and **29.2732, 27.4051, 57.1729** is the 20% darker color. If you saturate the color by 10%, you get **47.0813, 42.4011, 100.3105**, and if you desaturate by 10%, it is **70.8067, 70.9121, 104.5632**.

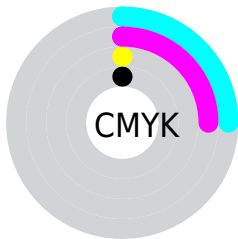
Distribution



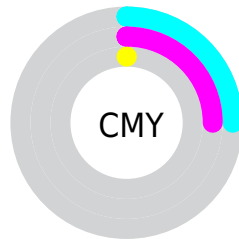
- Red (75%)
- Green (75%)
- Blue (100%)



- Red (75%)
- Yellow (75%)
- Blue (100%)



- Cyan (25%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9160, 55.4288, 102.2541 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 57.9160, 55.4288, 102.2541 by changing the saturation by 10% instead.

■ 57.9160, 55.4288,
102.2541

■ 57.9160, 55.4288,
102.2541

406.8318,
407.5353, 588.7039

■ 41.9841, 39.7451,
77.5570

■ 100.9242, 98.1689,
166.3302

■ 29.2799, 27.3399,
57.1959

128.7312,
125.9942, 206.5463

■ 19.4380, 17.8287,
40.7521

161.2273,
158.6354, 252.7725

■ 12.0931, 10.8270,
27.8072

198.7779,
196.4771, 305.4274

■ 6.8798, 5.9507,
17.9426

241.7483,
239.9035, 364.9294

■ 3.4327, 2.8151,
10.7398

290.5038,

■ 1.3865, 1.0360,

289.2991, 431.6971

5.7802

345.4099,
345.0482, 506.1491

■ 0.2466, 0.0000,
2.6453

■ 0.0000, 0.0000,
0.9157

■ 57.9160, 55.4288,
102.2541

■ 57.9160, 55.4288,
102.2541

■ 47.0813, 42.4011,
100.3105

■ 70.8067, 70.9121,
104.5632

■ 38.1918, 31.6970,
98.7129

■ 85.8467, 88.9613,
107.2544

■ 31.1338, 23.1819,
97.4414

95.0500, 100.0000,
108.9000

■ 25.7797, 16.7046,
96.4733

■ 21.9856, 12.0950,
95.7835

■ 19.5841, 9.1554,
95.3427

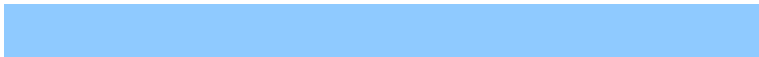
■ 18.3692, 7.6435,
95.1149

■ 18.0926, 7.3053,
95.0642

Harmonies

Analogous

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



51.0169, 55.4288, 105.9893



57.9160, 55.4288, 102.2541



63.8543, 55.4288, 86.2336

Triad

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



57.9160, 55.4288, 102.2541



61.0794, 55.4288, 35.0731



40.6779, 55.4288, 55.6560

Complementary

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



57.9160, 55.4288, 102.2541



85.9760, 95.8607, 62.6884

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.



42.8978, 55.4288, 40.2493



57.9160, 55.4288, 102.2541



54.3858, 55.4288, 30.1551

Square

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



57.9160, 55.4288, 102.2541



65.7882, 55.4288, 46.9698



47.7759, 55.4288, 31.8199



41.4458, 55.4288, 76.0626

Rectangle

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



57.9160, 55.4288, 102.2541



66.2717, 55.4288, 72.3076



47.7759, 55.4288, 31.8199



41.0924, 55.4288, 49.7936

Sweetspot

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



57.9176, 55.4309, 102.2544



81.8628, 84.1817, 106.5418



74.8720, 89.6179, 107.0478



17.0255, 17.4225, 22.7155



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.



57.9176, 55.4309, 102.2544



51.6985, 47.9548, 101.1391



66.4104, 59.4861, 102.5895



17.0255, 17.4225, 22.7155



9.4635, 3.8366, 49.6763



0.9290, 0.3886, 4.8393

Inverse Universe

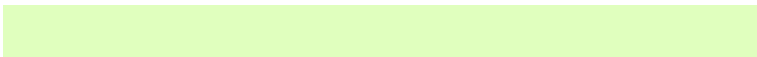
The Inverse Universe completely reimagines the original color for something new.



69.0585, 61.8500, 57.5911



64.7081, 55.4721, 48.9793



75.6665, 91.0189, 62.2972



18.0207, 17.9916, 18.7264



21.5649, 11.1153, 1.0935



2.1035, 1.0838, 0.1265

Previews

White Background



This preview shows how the XYZ color 57.9160, 55.4288, 102.2541 looks on a white background.

Color Contrast Check

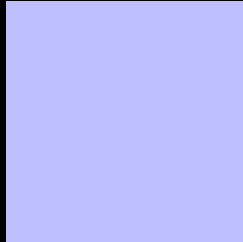
Large Text (above 18pt) WCAG AA × Fail

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 57.9160, 55.4288, 102.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

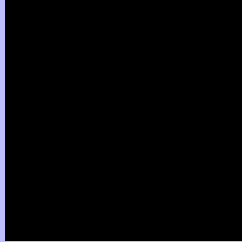
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9160, 55.4288, 102.2541

Background



This preview shows how black text looks on a background with the XYZ color 57.9160, 55.4288, 102.2541.



This preview shows how white text looks on a background with the XYZ color 57.9160, 55.4288,

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

57.9160, 55.4288, 102.2541

Protanopia

56.1642, 55.5069, 102.3615

Deuteranopia

56.8871, 55.5503, 102.3317



Tritanopia

51.8524, 55.6470, 71.6264

Trichromacy



Original Color

57.9160, 55.4288, 102.2541

Protanomaly

56.8871, 55.5503, 102.3317

Deuteranomaly

57.1493, 55.3584, 102.2809

Tritanomaly

53.8904, 55.4513, 81.9916

Monochromacy



Original Color

57.9160, 55.4288, 102.2541

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.8070, 55.7468, 74.8894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9160, 55.4288, 102.2541 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(190, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 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(190, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9160, 55.4288, 102.2541 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(190, 191, 255) }
```


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

```
.border{ border-color:rgb(190, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9160, 55.4288, 102.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 255) }
```

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

```
.background{ background-color: rgb(190,  
191, 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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