

Converting Colors

XYZ(57.2991, 59.5422, 85.5636)

Have a look what the booklet for
XYZ(57.2991, 59.5422, 85.5636)
contains.

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Color

**XYZ(57.2991, 59.5422,
85.5636)**

Conversions

Conversions Part 1

Format	Color
Hex	BECBE9
RGB	190, 203, 233
RGB Percent	75%, 80%, 91%
CMY	0.2549, 0.2039, 0.0863
CMYK	0.18, 0.13, 0.00, 0.09
HSL	222°, 49%, 83%
HSV	222°, 18%, 91%
XYZ	57.2991, 59.5422, 85.5636
YIQ	202.5330, -17.3780, 6.5740

Conversions

Conversions Part 2

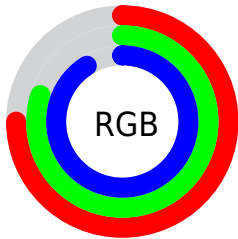
Format	Color
R _Y B	190, 200, 233
Decimal	12504041
CIE Lab	81.59, 1.74, -16.30
CIE LCh	82, 16.397, 276.098
Yxy	59.5422, 0.2831, 0.2942
Android (android.graphics.Color)	4290694121 (0xFFBECBE9)
YUV	202.5330, 15.0202, -10.9914
Hunter-Lab	77.1636, -2.4882, -11.7298

Details

The XYZ color **57.2991, 59.5422, 85.5636** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.4922, 72.2277, 59.0479**, and the grayscale version is **56.3903, 59.3269, 64.6070**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **28.8366, 29.9035, 45.8471** is the 20% darker color. If you saturate the color by 10%, you get **48.2989, 49.5009, 84.1008**, and if you desaturate by 10%, it is **67.6357, 70.8730, 87.2068**.

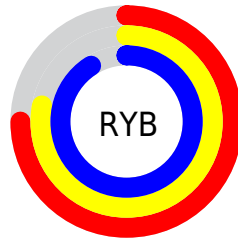
Distribution



Red (75%)

Green (80%)

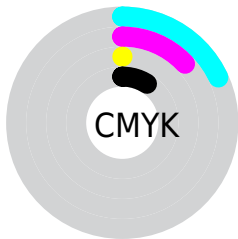
Blue (91%)



Red (75%)

Yellow (78%)

Blue (91%)

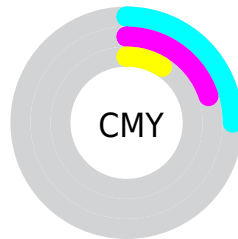


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2991, 59.5422, 85.5636 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 57.2991, 59.5422, 85.5636 by changing the saturation by 10% instead.

■ 57.2991, 59.5422,
85.5636

■ 57.2991, 59.5422,
85.5636

404.5652,
422.9083, 533.6843

■ 41.4865, 43.0497,
63.7543

■ 100.0303,
104.1653, 143.0415

■ 28.8888, 29.9241,
46.0068

127.6797,
133.0647, 179.5472

■ 19.1406, 19.7810,
31.9025

160.0053,
166.8686, 221.7888

■ 11.8765, 12.2360,
21.0228

197.3726,
205.9612, 270.1849

■ 6.7312, 6.9046,
12.9493

240.1468,
250.7272, 325.1539

■ 3.3394, 3.4025,
7.2633

288.6935,

■ 1.3357, 1.3453,

301.5507, 387.1145

3.5464

343.3778,
358.8163, 456.4851

■ 0.2097, 0.1759,
1.3799

■ 0.0000, 0.0000,
0.1260

■ 57.2991, 59.5422,
85.5636

■ 57.2991, 59.5422,
85.5636

■ 48.2989, 49.5009,
84.1008

■ 67.6357, 70.8730,
87.2068

■ 40.5733, 40.6943,
82.8081

■ 79.3563, 83.5307,
89.0323

■ 34.0634, 33.0743,
81.6804

■ 90.6858, 96.6186,
90.9614

■ 28.7033, 26.5867,
80.7107

■ 91.7082, 98.6633,
91.3021

■ 24.4206, 21.1725,
79.8914

■ 21.1338, 16.7670,
79.2142

■ 18.7484, 13.2967,
78.6701

■ 17.1336, 10.6673,
78.2477

■ 16.9269, 10.3207,
78.1917

Harmonies

Analogous

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



53.9537, 59.5422, 83.7499



57.2991, 59.5422, 85.5636



60.5826, 59.5422, 81.3841

Triad

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



57.2991, 59.5422, 85.5636



62.1109, 59.5422, 54.2929



50.7554, 59.5422, 57.4510

Complementary

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



57.2991, 59.5422, 85.5636



68.4922, 72.2277, 59.0479

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.



52.7826, 59.5422, 50.6905



57.2991, 59.5422, 85.5636



59.3171, 59.5422, 49.0006

Square

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



57.2991, 59.5422, 85.5636



63.4323, 59.5422, 62.8385



55.8929, 59.5422, 47.7517



50.2640, 59.5422, 66.8659

Rectangle

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



57.2991, 59.5422, 85.5636



62.2659, 59.5422, 75.9884



55.8929, 59.5422, 47.7517



51.2757, 59.5422, 54.8235

Sweetspot

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



57.3009, 59.5446, 85.5649



86.3324, 90.5908, 107.5433



63.2120, 74.3608, 78.3053



18.2837, 19.1787, 22.9882



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.



57.3009, 59.5446, 85.5649



66.0976, 68.3903, 104.3247



56.3807, 54.7014, 84.6786



14.6026, 15.2916, 19.1042



9.6998, 6.0465, 44.3988



0.8435, 0.6384, 3.5136

Inverse Universe

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



62.7987, 58.4638, 64.4774



74.0174, 67.0117, 73.9067



69.5220, 78.0229, 60.1123



15.2529, 15.1290, 16.6173



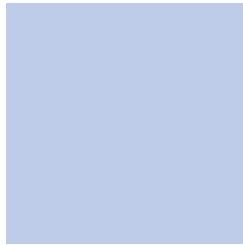
19.7513, 10.1032, 4.4917



1.5923, 0.8099, 0.5702

Previews

White Background



This preview shows how the XYZ color 57.2991, 59.5422, 85.5636 looks on a white background.

Color Contrast Check

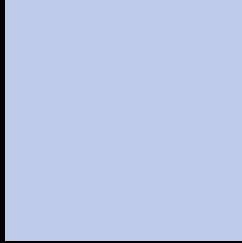
Large Text (above 18pt) WCAG AA × Fail

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 57.2991, 59.5422, 85.5636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

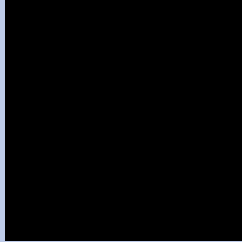
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2991, 59.5422, 85.5636

Background



This preview shows how black text looks on a background with the XYZ color 57.2991, 59.5422, 85.5636.



This preview shows how white text looks on a background with the XYZ color 57.2991, 59.5422,

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

57.2991, 59.5422, 85.5636

Protanopia

58.4781, 59.4698, 84.7406

Deuteranopia

60.7775, 59.5941, 86.1414



Tritanopia

55.6215, 59.5745, 76.9741

Trichromacy



Original Color

57.2991, 59.5422, 85.5636

Protanomaly

57.9342, 59.5366, 84.7822

Deuteranomaly

59.5930, 59.6666, 86.2178

Tritanomaly

56.1697, 59.4408, 79.7469

Monochromacy



Original Color

57.2991, 59.5422, 85.5636

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.7822, 59.5727, 72.1243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2991, 59.5422, 85.5636 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, 203, 233)` looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 233)  
}
```

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, 203, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 233) }
```

Border

The CSS property to change the border of an element to XYZ 57.2991, 59.5422, 85.5636 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, 203, 233) }
```


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

```
.border{ border-color:rgb(190, 203, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 203, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 233);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2991, 59.5422, 85.5636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 233) }
```

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

```
.background{ background-color: rgb(190,  
203, 233) }
```

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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