

Converting Colors

XYZ(57.9398, 58.7606, 92.1111)

Have a look what the booklet for
XYZ(57.9398, 58.7606, 92.1111)
contains.

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Color

**XYZ(57.9165, 58.6665,
92.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC8F2
RGB	190, 200, 242
RGB Percent	75%, 78%, 95%
CMY	0.2549, 0.2157, 0.0510
CMYK	0.21, 0.17, 0.00, 0.05
HSL	228°, 67%, 85%
HSV	228°, 21%, 95%
XYZ	57.9165, 58.6665, 92.2756
YIQ	201.7980, -19.4420, 10.9420

Conversions

Conversions Part 2

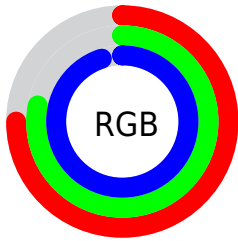
Format	Color
R _Y B	190, 198, 242
Decimal	12503282
CIE Lab	81.11, 5.33, -21.84
CIE LCh	81, 22.478, 283.706
Yxy	58.6665, 0.2773, 0.2809
Android (android.graphics.Color)	4290693362 (0xFFBEC8F2)
YUV	201.7980, 19.8196, -10.3468
Hunter-Lab	76.5941, 0.9329, -17.8129

Details

The XYZ color **57.9165, 58.6665, 92.2756** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.7695, 80.3084, 60.2771**, and the grayscale version is **55.9038, 58.8151, 64.0496**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **29.2952, 29.3372, 50.5730** is the 20% darker color. If you saturate the color by 10%, you get **48.1258, 47.3246, 90.6034**, and if you desaturate by 10%, it is **69.2932, 71.6879, 94.1903**.

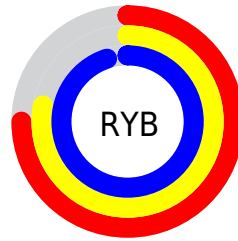
Distribution



Red (75%)

Green (78%)

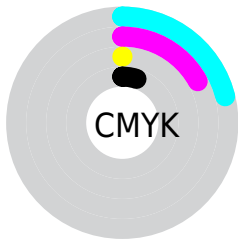
Blue (95%)



Red (75%)

Yellow (78%)

Blue (95%)

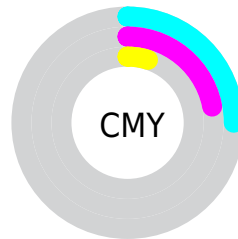


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9165, 58.6665, 92.2756 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 57.9165, 58.6665, 92.2756 by changing the saturation by 10% instead.

■ 57.9165, 58.6665,
92.2756

■ 57.9165, 58.6665,
92.2756

406.8336,
419.6649, 556.1658

■ 41.9845, 42.3447,
69.2853

■ 100.9249,
102.8928, 152.4583

■ 29.2802, 29.3713,
50.4709

128.7321,
131.5661, 190.4878

■ 19.4383, 19.3619,
35.4139

161.2283,
165.1254, 234.3673

■ 12.0933, 11.9321,
23.6958

198.7790,
203.9550, 284.5156

■ 6.8799, 6.6974,
14.8980

241.7496,
248.4394, 341.3510

■ 3.4327, 3.2736,
8.6020

290.5053,

■ 1.3865, 1.2762,

298.9629, 405.2921

4.3892

345.4115,
355.9099, 476.7575

■ 0.2466, 0.1227,
1.8412

■ 0.0000, 0.0000,
0.4549

■ 57.9165, 58.6665,
92.2756

■ 57.9165, 58.6665,
92.2756

■ 48.1258, 47.3246,
90.6034

■ 69.2932, 71.6879,
94.1903

■ 39.8442, 37.5860,
89.1601

■ 82.3169, 86.4466,
96.3526

■ 32.9967, 29.3791,
87.9370

■ 93.0272, 99.1909,
98.2480

■ 27.4996, 22.6241,
86.9228

■ 23.2602, 17.2334,
86.1058

■ 20.1734, 13.1098,
85.4725

■ 18.1159, 10.1416,
85.0080

■ 17.0257, 8.4079,
84.7309

Harmonies

Analogous

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



53.2780, 58.6665, 91.8918



57.9165, 58.6665, 92.2756



62.2012, 58.6665, 84.3402

Triad

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



57.9165, 58.6665, 92.2756



62.5103, 58.6665, 47.6988



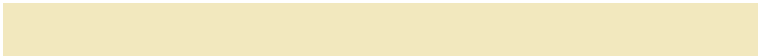
47.5748, 58.6665, 56.9278

Complementary

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



57.9165, 58.6665, 92.2756



74.7695, 80.3084, 60.2771

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.



49.7810, 58.6665, 47.0257



57.9165, 58.6665, 92.2756



58.3194, 58.6665, 42.2286

Square

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



57.9165, 58.6665, 92.2756



64.9518, 58.6665, 57.9737



53.6592, 58.6665, 42.0007



47.4804, 58.6665, 70.1698

Rectangle

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



57.9165, 58.6665, 92.2756



64.2088, 58.6665, 75.9662



53.6592, 58.6665, 42.0007



48.0882, 58.6665, 53.1451

Sweetspot

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



57.9183, 58.6689, 92.2769



85.8272, 89.5804, 107.3749



67.4973, 80.2560, 87.9810



18.1646, 18.9405, 22.9485



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.



57.9183, 58.6689, 92.2769



59.9541, 59.9849, 103.0261



59.7846, 56.3040, 91.7221



15.1433, 15.7207, 19.9579



9.2202, 4.6645, 45.5423



0.8335, 0.5211, 3.8109

Inverse Universe

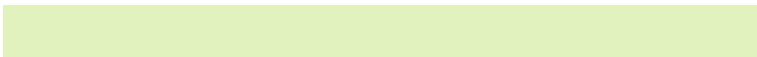
The Inverse Universe completely reimagines the original color for something new.



65.4582, 59.8759, 62.7533



69.9690, 61.7646, 63.7716



72.5372, 83.4566, 61.0024



15.8970, 15.8085, 17.0140



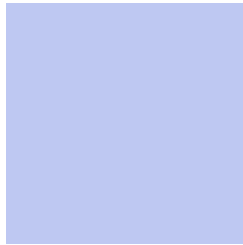
19.9795, 10.2642, 2.5428



1.6957, 0.8673, 0.3883

Previews

White Background



This preview shows how the XYZ color 57.9165, 58.6665, 92.2756 looks on a white background.

Color Contrast Check

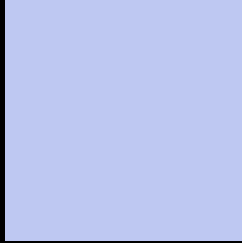
Large Text (above 18pt) WCAG AA × Fail

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 57.9165, 58.6665, 92.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

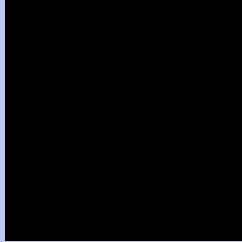
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9165, 58.6665, 92.2756

Background



This preview shows how black text looks on a background with the XYZ color 57.9165, 58.6665, 92.2756.



This preview shows how white text looks on a background with the XYZ color 57.9165, 58.6665,

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

57.9165, 58.6665, 92.2756

Protanopia

58.1887, 58.4641, 92.2222

Deuteranopia

59.9633, 58.6829, 92.9605



Tritanopia

54.7608, 58.7921, 76.1720

Trichromacy



Original Color

57.9165, 58.6665, 92.2756

Protanomaly

57.9363, 58.3340, 92.2104

Deuteranomaly

59.1367, 58.5950, 92.9871

Tritanomaly

55.8530, 58.8781, 81.8196

Monochromacy



Original Color

57.9165, 58.6665, 92.2756

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.6997, 58.7888, 74.0046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9165, 58.6665, 92.2756 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, 200, 242)` looks like.

```
.text, #text, p{  
    color:rgb(190, 200, 242)  
}
```

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, 200, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 200, 242) }
```

Border

The CSS property to change the border of an element to XYZ 57.9165, 58.6665, 92.2756 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, 200, 242) }
```


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

```
.border{ border-color:rgb(190, 200, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 200, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 200, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 200, 242);  
box-shadow:4px 4px 4px 4px rgb(190, 200,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9165, 58.6665, 92.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 200, 242) }
```

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

```
.background{ background-color: rgb(190,  
200, 242) }
```

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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