

Converting Colors

XYZ(57.7253, 56.4751, 92.0600)

Have a look what the booklet for
XYZ(57.7253, 56.4751, 92.0600)
contains.

XYZ(57.8245, 56.5965, 91.8809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8245, 56.5965,
91.8809)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C2F2
RGB	195, 194, 242
RGB Percent	76%, 76%, 95%
CMY	0.2353, 0.2392, 0.0510
CMYK	0.19, 0.20, 0.00, 0.05
HSL	241°, 65%, 85%
HSV	241°, 20%, 95%
XYZ	57.8245, 56.5965, 91.8809
YIQ	199.7710, -14.8120, 15.1400

Conversions

Conversions Part 2

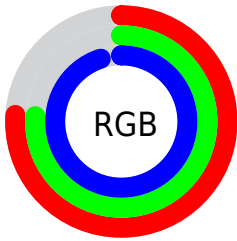
Format	Color
RYB	195, 194, 242
Decimal	12829426
CIELab	79.95, 10.08, -23.56
CIELCh	80, 25.628, 293.170
Yxy	56.5965, 0.2803, 0.2743
Android (android.graphics.Color)	4291019506 (0xFFC3C2F2)
YUV	199.7710, 20.8189, -4.1842
Hunter-Lab	75.2306, 5.5468, -19.7508

Details

The XYZ color **57.8245, 56.5965, 91.8809** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.7671, 86.1014, 63.5619**, and the grayscale version is **54.6429, 57.4886, 62.6051**.

A 20% lighter version of the original color is **92.3805, 96.2867, 108.3240**, and **29.2255, 27.9641, 50.3116** is the 20% darker color. If you saturate the color by 10%, you get **47.2265, 43.7793, 89.9664**, and if you desaturate by 10%, it is **70.2747, 71.6732, 94.1357**.

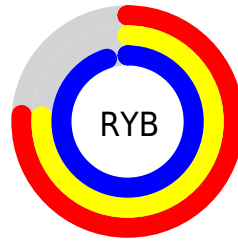
Distribution



Red (76%)

Green (76%)

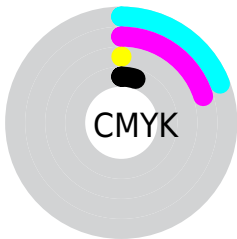
Blue (95%)



Red (76%)

Yellow (76%)

Blue (95%)

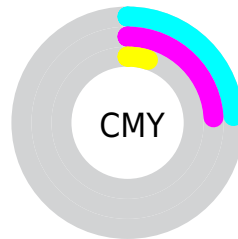


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8245, 56.5965, 91.8809 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 57.8245, 56.5965, 91.8809 by changing the saturation by 10% instead.

■ 57.8245, 56.5965,
91.8809

■ 57.8245, 56.5965,
91.8809

406.4961,
411.9356, 554.8577

■ 41.9103, 40.6814,
68.9592

■ 100.7917, 99.8762,
151.9066

■ 29.2219, 28.0702,
50.2070

128.5754,
128.0095, 189.8477

■ 19.3938, 18.3786,
35.2055

161.0462,
160.9844, 233.6323

■ 12.0609, 11.2221,
23.5364

198.5697,
199.1852, 283.6790

■ 6.8577, 6.2164,
14.7811

241.5110,
242.9964, 340.4064

■ 3.4188, 2.9771,
8.5210

290.2356,

■ 1.3789, 1.1198,

292.8022, 404.2330

4.3376

345.1089,
348.9872, 475.5772

■ 0.2411, 0.0000,
1.8123

■ 0.0000, 0.0000,
0.4360

■ 57.8245, 56.5965,
91.8809

■ 57.8245, 56.5965,
91.8809

■ 47.2265, 43.7793,
89.9664

■ 70.2747, 71.6732,
94.1357

■ 38.3873, 33.1063,
88.3722

■ 84.6539, 89.1036,
96.7423

■ 31.2133, 24.4626,
87.0819

■ 93.0272, 99.1909,
98.2480

■ 25.6002, 17.7196,
86.0762

■ 21.4319, 12.7343,
85.3337

■ 18.5762, 9.3432,
84.8296

■ 16.8766, 7.3523,
84.5349

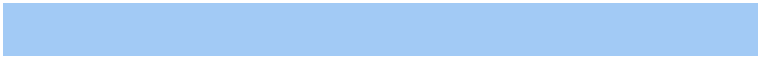
■ 16.0995, 6.4547,
84.4026

■ 16.0902, 6.4434,
84.4009

Harmonies

Analogous

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



52.6127, 56.5965, 94.6578



57.8245, 56.5965, 91.8809



62.2009, 56.5965, 80.4352

Triad

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



57.8245, 56.5965, 91.8809



60.0131, 56.5965, 41.4257



44.4627, 56.5965, 58.2803

Complementary

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



57.8245, 56.5965, 91.8809



77.7671, 86.1014, 63.5619

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.



46.1796, 56.5965, 46.0012



57.8245, 56.5965, 91.8809



54.9914, 56.5965, 37.3377

Square

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



57.8245, 56.5965, 91.8809



63.5203, 56.5965, 51.0287



49.9539, 56.5965, 38.8665



45.1137, 56.5965, 73.5929

Rectangle

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



57.8245, 56.5965, 91.8809



63.9438, 56.5965, 70.2936



49.9539, 56.5965, 38.8665



44.7782, 56.5965, 53.6982

Sweetspot

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



57.8263, 56.5988, 91.8822



85.0632, 87.8921, 107.0893



69.7913, 80.9105, 95.9442



17.9847, 18.5431, 22.8812



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.



57.8263, 56.5988, 91.8822



59.8219, 57.3264, 102.5199



64.4740, 60.0258, 92.1933



14.9277, 15.2444, 19.8773



8.6577, 3.4686, 45.3411



0.7309, 0.2940, 3.7724

Inverse Universe

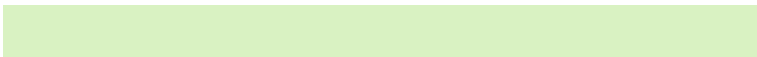
The Inverse Universe completely reimagines the original color for something new.



71.7887, 63.8140, 91.7549



78.3330, 66.8929, 102.3199



70.1661, 82.1830, 63.2062



16.4392, 16.0254, 19.8693



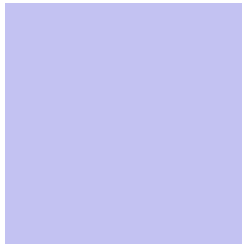
27.8874, 13.4274, 44.1850



2.3245, 1.1188, 3.6995

Previews

White Background



This preview shows how the XYZ color 57.8245, 56.5965, 91.8809 looks on a white background.

Color Contrast Check

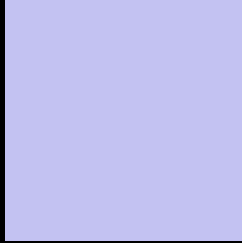
Large Text (above 18pt) WCAG AA × Fail

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 57.8245, 56.5965, 91.8809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

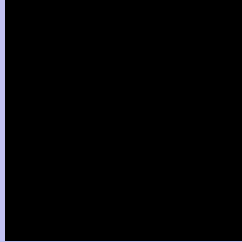
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8245, 56.5965, 91.8809

Background



This preview shows how black text looks on a background with the XYZ color 57.8245, 56.5965, 91.8809.

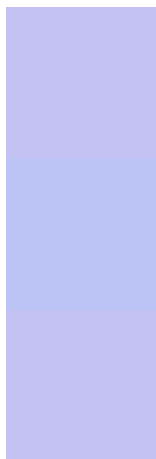


This preview shows how white text looks on a background with the XYZ color 57.8245, 56.5965,

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

57.8245, 56.5965, 91.8809

Protanopia

56.5626, 56.5763, 93.5271

Deuteranopia

57.8245, 56.5965, 91.8809



Tritanopia

53.9244, 56.7003, 72.3921

Trichromacy



Original Color

57.8245, 56.5965, 91.8809

Protanomaly

56.9280, 56.4484, 92.6892

Deuteranomaly

57.8245, 56.5965, 91.8809

Tritanomaly

55.2951, 56.5752, 79.2399

Monochromacy



Original Color

57.8245, 56.5965, 91.8809

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.7485, 57.3002, 72.4118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8245, 56.5965, 91.8809 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(195, 194, 242)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 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(195, 194, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 242) }
```

Border

The CSS property to change the border of an element to XYZ 57.8245, 56.5965, 91.8809 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(195, 194, 242) }
```


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

```
.border{ border-color:rgb(195, 194, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 194, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 242);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8245, 56.5965, 91.8809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 242) }
```

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

```
.background{ background-color: rgb(195,  
194, 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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