

Converting Colors

XYZ(68.0461, 65.6175, 82.0293)

Have a look what the booklet for
XYZ(68.0461, 65.6175, 82.0293)
contains.

XYZ(68.0911, 65.5548, 81.7376)	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(68.0911, 65.5548,
81.7376)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CCE3
RGB	230, 204, 227
RGB Percent	90%, 80%, 89%
CMY	0.0980, 0.2000, 0.1098
CMYK	0.00, 0.11, 0.01, 0.10
HSL	307°, 34%, 85%
HSV	307°, 11%, 90%
XYZ	68.0911, 65.5548, 81.7376
YIQ	214.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

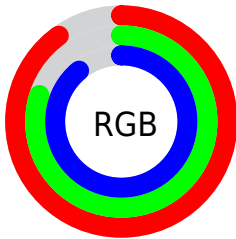
Format	Color
R _Y B	230, 204, 227
Decimal	15125731
CIE Lab	84.77, 13.04, -8.03
CIE LCh	85, 15.316, 328.385
Yxy	65.5548, 0.3161, 0.3044
Android (android.graphics.Color)	4293315811 (0xFFE6CCE3)
YUV	214.3960, 6.2138, 13.6847
Hunter-Lab	80.9659, 8.4254, -3.1789

Details

The XYZ color **68.0911, 65.5548, 81.7376** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4636, 73.9378, 69.9088**, and the grayscale version is **64.1405, 67.4808, 73.4866**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8083, 33.7899, 43.6645** is the 20% darker color. If you saturate the color by 10%, you get **62.6602, 55.2738, 78.1344**, and if you desaturate by 10%, it is **74.3387, 77.4583, 85.6424**.

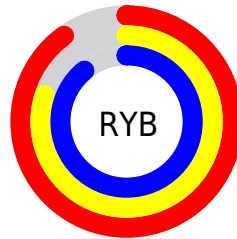
Distribution



Red (90%)

Green (80%)

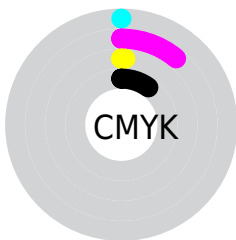
Blue (89%)



Red (90%)

Yellow (80%)

Blue (89%)

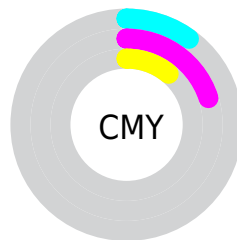


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0911, 65.5548, 81.7376 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 68.0911, 65.5548, 81.7376 by changing the saturation by 10% instead.

68.0911, 65.5548,
81.7376

68.0911, 65.5548,
81.7376

443.1904,
444.7830, 520.6299

50.2458, 47.9111,
60.6147

115.5237,
112.8471, 137.6393

35.8273, 33.7565,
43.4858

145.8416,
143.2645, 173.2553

24.4704, 22.7066,
29.9322

181.0478,
178.7086, 214.5393

15.8095, 14.3770,
19.5355

221.5077,
219.5637, 261.9100

9.4795, 8.3833,
11.8772

267.5865,
266.2144, 315.7859

5.1148, 4.3412,
6.5386

319.6497,

2.3502, 1.8662,

319.0448, 376.5854

3.1012

378.0625,
378.4396, 444.7273

■ 0.8202, 0.5279,
1.1465

■ 0.0000, 0.0000,
0.0000

■ 68.0911, 65.5548,
81.7376

■ 68.0911, 65.5548,
81.7376

■ 62.6602, 55.2738,
78.1344

■ 74.3387, 77.4583,
85.6424

■ 58.0050, 46.5362,
74.8168

■ 81.4305, 91.0418,
89.8559

■ 54.0895, 39.2691,
71.7733

■ 83.3838, 94.3393,
92.3846

■ 50.8727, 33.3904,
68.9903

■ 83.7701, 94.4938,
94.4192

48.3095, 28.8100,
66.4524

84.1623, 94.6507,
96.4842

46.3494, 25.4271,
64.1429

84.5602, 94.8099,
98.5795

44.9347, 23.1261,
62.0423

84.9639, 94.9713,
100.7053

43.9961, 21.7686,
60.1273

85.3734, 95.1351,
102.8618

43.4678, 21.1569,
58.5797

85.7887, 95.3013,
105.0490

Harmonies

Analogous

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



65.4941, 65.5548, 89.3064



68.0911, 65.5548, 81.7376



69.1314, 65.5548, 71.9113

Triad

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



68.0911, 65.5548, 81.7376



62.4938, 65.5548, 54.1228



56.6872, 65.5548, 80.7333

Complementary

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



68.0911, 65.5548, 81.7376



64.4636, 73.9378, 69.9088

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.



55.9488, 65.5548, 70.8474



68.0911, 65.5548, 81.7376



59.2267, 65.5548, 56.0256

Square

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



68.0911, 65.5548, 81.7376



65.8273, 65.5548, 56.4794



56.8617, 65.5548, 61.9330



58.9162, 65.5548, 88.6902

Rectangle

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



68.0911, 65.5548, 81.7376



68.7743, 65.5548, 65.5883



56.8617, 65.5548, 61.9330



56.2601, 65.5548, 77.4989

Sweetspot

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



68.0930, 65.5576, 81.7390



92.5161, 95.1591, 107.3558



61.4992, 62.1101, 83.6110



19.6608, 20.0980, 22.8915



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.



68.0930, 65.5576, 81.7390



84.0436, 79.0372, 101.9939



66.4169, 64.8872, 72.9130



14.9197, 14.5851, 17.7776



24.6381, 11.9894, 33.3186



1.8411, 0.8942, 2.5697

Inverse Universe

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



68.0930, 65.5576, 81.7390



84.0436, 79.0372, 101.9939



66.0662, 74.5788, 78.3479



14.9197, 14.5851, 17.7776



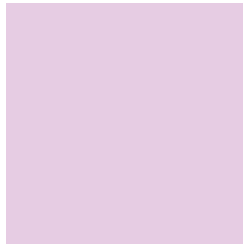
24.6381, 11.9894, 33.3186



1.8411, 0.8942, 2.5697

Previews

White Background



This preview shows how the XYZ color 68.0911, 65.5548, 81.7376 looks on a white background.

Color Contrast Check

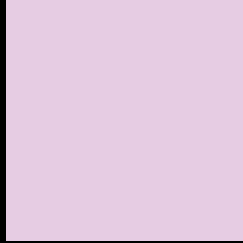
Large Text (above 18pt) WCAG AA × Fail

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 68.0911, 65.5548, 81.7376 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 68.0911, 65.5548, 81.7376

Background



This preview shows how black text looks on a background with the XYZ color 68.0911, 65.5548, 81.7376.



This preview shows how white text looks on a background with the XYZ color 68.0911, 65.5548,

81.7376.

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

68.0911, 65.5548, 81.7376

Protanopia

64.0487, 65.5643, 84.8808

Deuteranopia

66.9878, 65.6962, 81.8230



Tritanopia

67.1956, 65.5411, 77.5157

Trichromacy



Original Color

68.0911, 65.5548, 81.7376

Protanomaly

65.4541, 65.5766, 84.0707

Deuteranomaly

67.3750, 65.5396, 81.7724

Tritanomaly

67.4637, 65.6484, 78.9277

Monochromacy



Original Color

68.0911, 65.5548, 81.7376

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.3480, 66.4233, 76.3946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0911, 65.5548, 81.7376 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(230, 204, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 204, 227)  
}
```

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(230, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 204, 227) }
```

Border

The CSS property to change the border of an element to XYZ 68.0911, 65.5548, 81.7376 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(230, 204, 227) }
```


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

```
.border{ border-color:rgb(230, 204, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 204,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0911, 65.5548, 81.7376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 204, 227) }
```

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

```
.background{ background-color: rgb(230,  
204, 227) }
```

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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