

Converting Colors

XYZ(61.7396, 58.2779, 68.5977)

Have a look what the booklet for
XYZ(61.7396, 58.2779, 68.5977)
contains.

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Color

**XYZ(61.5035, 58.0338,
68.2817)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BFD1
RGB	226, 191, 209
RGB Percent	89%, 75%, 82%
CMY	0.1137, 0.2510, 0.1804
CMYK	0.00, 0.15, 0.08, 0.11
HSL	329°, 38%, 82%
HSV	329°, 15%, 89%
XYZ	61.5035, 58.0338, 68.2817
YIQ	203.5170, 15.0820, 13.0180

Conversions

Conversions Part 2

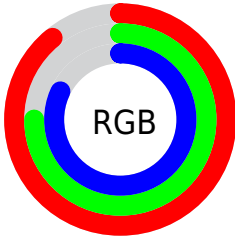
Format	Color
R _Y B	226, 191, 209
Decimal	14860241
CIE _{Lab}	80.76, 15.41, -4.37
CIE _{LCh}	81, 16.019, 344.182
Yxy	58.0338, 0.3275, 0.3090
Android (android.graphics.Color)	4293050321 (0xFFE2BFD1)
YUV	203.5170, 2.7031, 19.7176
Hunter-Lab	76.1799, 10.7963, 0.1830

Details

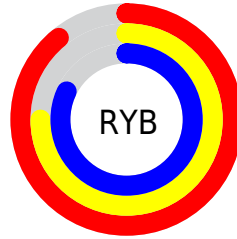
The XYZ color **61.5035, 58.0338, 68.2817** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.0697, 70.0248, 70.0280**, and the grayscale version is **57.0681, 60.0401, 65.3836**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **31.4396, 28.8039, 34.9130** is the 20% darker color. If you saturate the color by 10%, you get **55.6377, 48.4023, 59.8501**, and if you desaturate by 10%, it is **68.2268, 69.2288, 77.4626**.

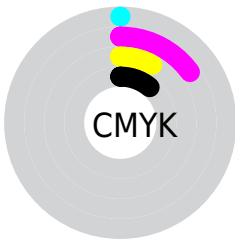
Distribution



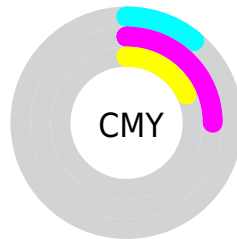
- Red (89%)
- Green (75%)
- Blue (82%)



- Red (89%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5035, 58.0338, 68.2817 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 61.5035, 58.0338, 68.2817 by changing the saturation by 10% instead.

61.5035, 58.0338,
68.2817

61.5035, 58.0338,
68.2817

419.8642,
417.3119, 473.1186

44.8857, 41.8358,
49.6588

106.1016,
101.9721, 118.4131

31.5683, 28.9728,
34.7731

134.8127,
130.4812, 150.7586

21.1859, 19.0602,
23.2060

168.2855,
163.8628, 188.5155

13.3732, 11.7138,
14.5390

206.8855,
202.5012, 232.1023

7.7648, 6.5491,
8.3535

250.9780,
246.7810, 281.9374

3.9954, 3.1818,
4.2309

300.9284,

1.6995, 1.2273,

297.0864, 338.4395

1.7529

357.1020,
353.8019, 402.0270

■ 0.4560, 0.0839,
0.3966

■ 0.0000, 0.0000,
0.0000

■ 61.5035, 58.0338,
68.2817

■ 61.5035, 58.0338,
68.2817

■ 55.6377, 48.4023,
59.8501

■ 68.2268, 69.2288,
77.4626

■ 50.5877, 40.2564,
52.1427

■ 75.8370, 82.0454,
87.4096

■ 46.3159, 33.5230,
45.1381

■ 83.1419, 94.0960,
97.7348

■ 42.7793, 28.1195,
38.8121

■ 84.8405, 94.7754,
106.6794

■ 39.9310, 23.9551,
33.1388

■ 85.1744, 94.9090,
108.4378

■ 37.7178, 20.9271,
28.0900

■ 36.0782, 18.9160,
23.6342

■ 34.9371, 17.7752,
19.7347

■ 34.5295, 17.4350,
18.1347

Harmonies

Analogous

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



59.7088, 58.0338, 77.1624



61.5035, 58.0338, 68.2817



61.5540, 58.0338, 58.8331

Triad

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



61.5035, 58.0338, 68.2817



53.6167, 58.0338, 47.1327



50.7257, 58.0338, 76.7435

Complementary

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



61.5035, 58.0338, 68.2817



60.0697, 70.0248, 70.0280

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.



49.2237, 58.0338, 67.7546



61.5035, 58.0338, 68.2817



50.8471, 58.0338, 51.0133

Square

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



61.5035, 58.0338, 68.2817



56.9101, 58.0338, 47.2433



49.2673, 58.0338, 58.3559



53.4450, 58.0338, 82.3707

Rectangle

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



61.5035, 58.0338, 68.2817



60.5863, 58.0338, 53.5037



49.2673, 58.0338, 58.3559



50.0667, 58.0338, 73.9777

Sweetspot

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



61.5052, 58.0364, 68.2829



90.1353, 91.7407, 102.4214



58.3495, 56.1532, 79.7157



19.1499, 19.3972, 21.7319



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.



61.5052, 58.0364, 68.2829



77.9335, 71.4637, 85.6321



59.4653, 57.2204, 57.5409



14.0000, 13.8176, 15.7702



19.7591, 9.9707, 10.6632



1.4148, 0.7092, 0.9772

Inverse Universe

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



61.5052, 58.0364, 68.2829



77.9335, 71.4637, 85.6321



62.3316, 70.9295, 81.9391



14.0000, 13.8176, 15.7702



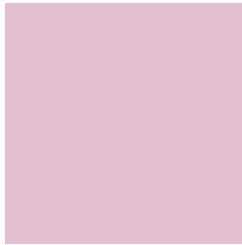
19.7591, 9.9707, 10.6632



1.4148, 0.7092, 0.9772

Previews

White Background



This preview shows how the XYZ color 61.5035, 58.0338, 68.2817 looks on a white background.

Color Contrast Check

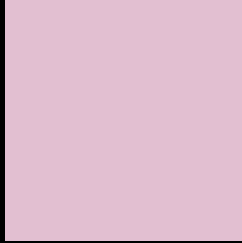
Large Text (above 18pt) WCAG AA × Fail

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 61.5035, 58.0338, 68.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

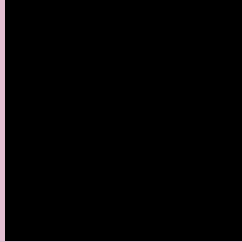
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5035, 58.0338, 68.2817

Background



This preview shows how black text looks on a background with the XYZ color 61.5035, 58.0338, 68.2817.



This preview shows how white text looks on a background with the XYZ color 61.5035, 58.0338,

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

61.5035, 58.0338, 68.2817

Protanopia

56.3804, 57.9812, 71.8383

Deuteranopia

59.5155, 58.3360, 67.7977



Tritanopia

61.1354, 57.8866, 66.3436

Trichromacy



Original Color

61.5035, 58.0338, 68.2817

Protanomaly

57.9181, 57.7886, 70.3891

Deuteranomaly

60.1922, 58.3533, 67.7653

Tritanomaly

61.2573, 57.9353, 66.9855

Monochromacy



Original Color

61.5035, 58.0338, 68.2817

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.7154, 59.3001, 66.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5035, 58.0338, 68.2817 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(226, 191, 209)` looks like.

```
.text, #text, p{  
    color:rgb(226, 191, 209)  
}
```

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(226, 191, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 209) }
```

Border

The CSS property to change the border of an element to XYZ 61.5035, 58.0338, 68.2817 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(226, 191, 209) }
```


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

```
.border{ border-color:rgb(226, 191, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 191, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 191, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 191, 209); box-shadow:4px 4px 4px 4px rgb(226, 191, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5035, 58.0338, 68.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 209) }
```

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

```
.background{ background-color: rgb(226,  
191, 209) }
```

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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