

Converting Colors

XYZ(61.2089, 57.3675, 66.5615)

Have a look what the booklet for
XYZ(61.2089, 57.3675, 66.5615)
contains.

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Color

**XYZ(61.1386, 57.2311,
66.8558)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BDCF
RGB	227, 189, 207
RGB Percent	89%, 74%, 81%
CMY	0.1098, 0.2588, 0.1882
CMYK	0.00, 0.17, 0.09, 0.11
HSL	332°, 40%, 82%
HSV	332°, 17%, 89%
XYZ	61.1386, 57.2311, 66.8558
YIQ	202.4140, 16.8700, 13.6540

Conversions

Conversions Part 2

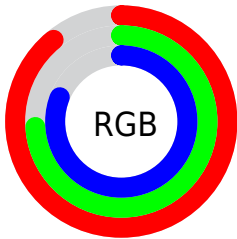
Format	Color
R _Y B	227, 189, 207
Decimal	14925263
CIE Lab	80.31, 16.49, -3.94
CIE LCh	80, 16.951, 346.563
Yxy	57.2311, 0.3301, 0.3090
Android (android.graphics.Color)	4293115343 (0xFFE3BDCF)
YUV	202.4140, 2.2609, 21.5619
Hunter-Lab	75.6512, 11.8676, 0.5591

Details

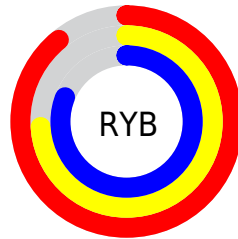
The XYZ color **61.1386, 57.2311, 66.8558** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.9662, 70.3619, 70.7456**, and the grayscale version is **56.3779, 59.3139, 64.5929**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **31.3485, 28.5662, 33.9986** is the 20% darker color. If you saturate the color by 10%, you get **55.2269, 47.6571, 57.9489**, and if you desaturate by 10%, it is **67.9284, 68.3828, 76.6022**.

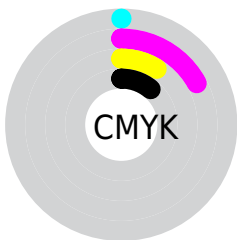
Distribution



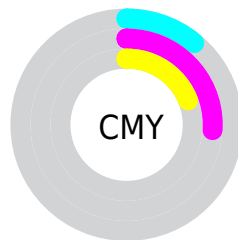
- Red (89%)
- Green (74%)
- Blue (81%)



- Red (89%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1386, 57.2311, 66.8558 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 61.1386, 57.2311, 66.8558 by changing the saturation by 10% instead.

61.1386, 57.2311,
66.8558

61.1386, 57.2311,
66.8558

418.5498,
414.3147, 467.9188

44.5900, 41.1908,
48.5066

105.5766,
100.8023, 116.3524

31.3345, 28.4682,
33.8654

134.1966,
129.1020, 148.3370

21.0068, 18.6789,
22.5137

167.5713,
162.2570, 185.7037

13.2414, 11.4385,
14.0329

206.0658,
200.6517, 228.8711

7.6732, 6.3626,
8.0046

250.0455,
244.6703, 278.2578

3.9366, 3.0668,
4.0100

299.8759,

1.6663, 1.1667,

294.6975, 334.2823

1.6309

355.9222,
351.1175, 397.3631

■ 0.4350, 0.0343,
0.3127

■ 0.0000, 0.0000,
0.0000

■ 61.1386, 57.2311,
66.8558

■ 61.1386, 57.2311,
66.8558

■ 55.2269, 47.6571,
57.9489

■ 67.9284, 68.3828,
76.6022

■ 50.1505, 39.5814,
49.8532

■ 75.6268, 81.1717,
87.2079

■ 45.8702, 32.9289,
42.5440

■ 83.5934, 94.3129,
98.4715

■ 42.3417, 27.6152,
35.9936

■ 85.4560, 95.0579,
108.2796

■ 39.5160, 23.5467,
30.1722

■ 85.4888, 95.0710,
108.4525

■ 37.3380, 20.6175,
25.0476

■ 35.7435, 18.7040,
20.5838

■ 34.6512, 17.6486,
16.7383

■ 34.3598, 17.4034,
15.6004

Harmonies

Analogous

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



59.3801, 57.2311, 76.3792



61.1386, 57.2311, 66.8558



61.0370, 57.2311, 57.0314

Triad

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



61.1386, 57.2311, 66.8558



52.5189, 57.2311, 45.7539



49.9422, 57.2311, 77.2254

Complementary

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



61.1386, 57.2311, 66.8558



59.9662, 70.3619, 70.7456

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.



48.2559, 57.2311, 67.9152



61.1386, 57.2311, 66.8558



49.6998, 57.2311, 50.0927

Square

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



61.1386, 57.2311, 66.8558



55.9597, 57.2311, 45.5349



48.1691, 57.2311, 57.9845



52.8626, 57.2311, 82.7810

Rectangle

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



61.1386, 57.2311, 66.8558



59.9263, 57.2311, 51.6236



48.1691, 57.2311, 57.9845



49.2177, 57.2311, 74.3890

Sweetspot

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



61.1402, 57.2336, 66.8570



90.0547, 91.7084, 101.9971



58.2558, 55.4460, 80.3054



19.1304, 19.3893, 21.6288



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.



61.1402, 57.2336, 66.8570



76.8580, 70.0558, 82.9830



59.2000, 56.6760, 55.9666



14.6598, 14.4811, 16.4087



20.0966, 10.1729, 9.4037



1.5317, 0.7704, 0.9406

Inverse Universe

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



61.1402, 57.2336, 66.8570



76.8580, 70.0558, 82.9830



62.1493, 70.9585, 83.0944



14.6598, 14.4811, 16.4087



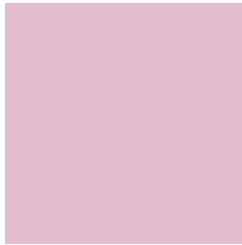
20.0966, 10.1729, 9.4037



1.5317, 0.7704, 0.9406

Previews

White Background



This preview shows how the XYZ color 61.1386, 57.2311, 66.8558 looks on a white background.

Color Contrast Check

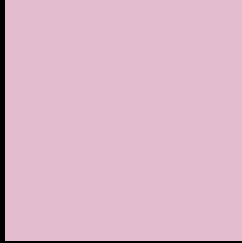
Large Text (above 18pt) WCAG AA × Fail

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 61.1386, 57.2311, 66.8558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

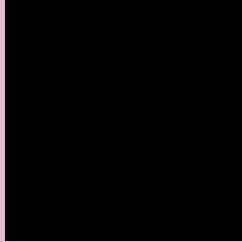
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1386, 57.2311, 66.8558

Background



This preview shows how black text looks on a background with the XYZ color 61.1386, 57.2311, 66.8558.



This preview shows how white text looks on a background with the XYZ color 61.1386, 57.2311, 66.8558.

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

61.1386, 57.2311, 66.8558

Protanopia

55.7575, 57.3344, 71.0787

Deuteranopia

58.5294, 57.1951, 66.3474



Tritanopia

60.7752, 57.0857, 64.9422

Trichromacy



Original Color

61.1386, 57.2311, 66.8558

Protanomaly

57.5675, 57.2887, 69.6517

Deuteranomaly

59.5054, 57.3711, 66.3300

Tritanomaly

60.8956, 57.1339, 65.5760

Monochromacy



Original Color

61.1386, 57.2311, 66.8558

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.7293, 58.1410, 65.3064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1386, 57.2311, 66.8558 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(227, 189, 207)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 207)  
}
```

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(227, 189, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.1386, 57.2311, 66.8558 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(227, 189, 207) }
```


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

```
.border{ border-color:rgb(227, 189, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 189, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 189, 207);  
box-shadow:4px 4px 4px 4px rgb(227, 189,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1386, 57.2311, 66.8558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 207) }
```

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

```
.background{ background-color: rgb(227,  
189, 207) }
```

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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