

Converting Colors

XYZ(61.3251, 57.1851, 58.8446)

Have a look what the booklet for
XYZ(61.3251, 57.1851, 58.8446)
contains.

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Color

**XYZ(61.3251, 57.1851,
58.8446)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BCC2
RGB	233, 188, 194
RGB Percent	91%, 74%, 76%
CMY	0.0863, 0.2627, 0.2392
CMYK	0.00, 0.19, 0.17, 0.09
HSL	352°, 51%, 83%
HSV	352°, 19%, 91%
XYZ	61.3251, 57.1851, 58.8446
YIQ	202.1390, 24.8940, 11.4060

Conversions

Conversions Part 2

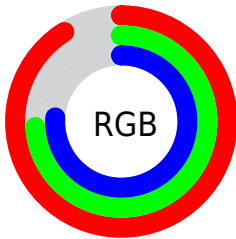
Format	Color
R _Y B	233, 188, 194
Decimal	15318210
CIE Lab	80.28, 17.04, 3.10
CIE LCh	80, 17.316, 10.303
Yxy	57.1851, 0.3458, 0.3224
Android (android.graphics.Color)	4293508290 (0xFFE9BCC2)
YUV	202.1390, -4.0125, 27.0651
Hunter-Lab	75.6208, 12.4190, 6.7979

Details

The XYZ color **61.3251, 57.1851, 58.8446** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.7454, 74.5167, 83.7001**, and the grayscale version is **56.2405, 59.1693, 64.4354**.

A 20% lighter version of the original color is **90.8460, 92.8635, 103.5788**, and **31.5291, 28.5685, 28.6635** is the 20% darker color. If you saturate the color by 10%, you get **54.6277, 47.1763, 46.1721**, and if you desaturate by 10%, it is **69.1375, 68.9294, 73.4108**.

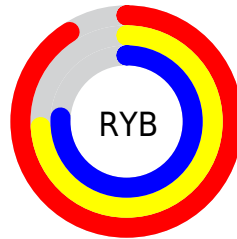
Distribution



Red (91%)

Green (74%)

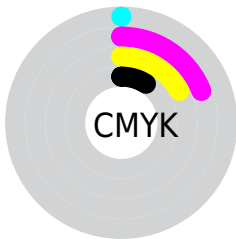
Blue (76%)



Red (91%)

Yellow (74%)

Blue (76%)

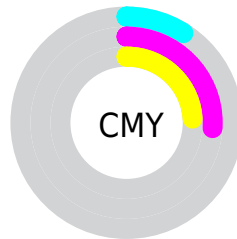


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (9%)



Cyan (9%)


Magenta (26%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3251, 57.1851, 58.8446 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 61.3251, 57.1851, 58.8446 by changing the saturation by 10% instead.


 61.3251, 57.1851,
58.8446

 61.3251, 57.1851,
58.8446


419.2219,
414.1425, 438.0116

 44.7411, 41.1539,
42.0688


 105.8450,
100.7352, 104.6787

 31.4540, 28.4393,
28.8292


134.5116,
129.0229, 134.5741

 21.0983, 18.6571,
18.7072

167.9364,
162.1649, 169.6798

 13.3087, 11.4228,
11.2842

206.4849,
200.5455, 210.4143

 7.7200, 6.3520,
6.1418

250.5223,
244.5492, 257.1962

 3.9666, 3.0602,
2.8613

300.4140,

 1.6832, 1.1633,

294.5603, 310.4440

1.0243

356.5254,
350.9633, 370.5763

■ 0.4457, 0.0314,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3251, 57.1851,
58.8446

■ 61.3251, 57.1851,
58.8446

■ 54.6277, 47.1763,
46.1721

■ 69.1375, 68.9294,
73.4108

■ 48.9897, 38.8134,
35.3119

■ 78.1077, 82.4780,
89.9405

■ 44.3578, 32.0104,
26.1819

■ 87.3481, 96.0372,
108.1929

■ 40.6723, 26.6704,
18.6921

■ 87.4145, 96.0638,
108.5427

■ 37.8669, 22.6855,
12.7447

■ 35.8668, 19.9333,
8.2309

■ 34.5844, 18.2687,
5.0277

■ 33.8887, 17.4653,
2.9830

■ 33.8525, 17.4230,
2.8784

Harmonies

Analogous

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



61.0131, 57.1851, 69.0658



61.3251, 57.1851, 58.8446



59.7082, 57.1851, 50.4928

Triad

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



61.3251, 57.1851, 58.8446



50.0697, 57.1851, 48.5558



52.0917, 57.1851, 82.4701

Complementary

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



61.3251, 57.1851, 58.8446



63.7454, 74.5167, 83.7001

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.



49.3275, 57.1851, 75.7376



61.3251, 57.1851, 58.8446



48.1956, 57.1851, 55.9257

Square

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



61.3251, 57.1851, 58.8446



53.1450, 57.1851, 44.9944



47.9299, 57.1851, 65.8151



55.5786, 57.1851, 83.4702

Rectangle

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



61.3251, 57.1851, 58.8446



57.7934, 57.1851, 46.8266



47.9299, 57.1851, 65.8151



51.0513, 57.1851, 80.7704

Sweetspot

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



61.3267, 57.1877, 58.8458



88.2996, 89.7988, 96.4779



64.3715, 58.1832, 84.9291



18.7493, 18.9936, 20.3723



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.



61.3267, 57.1877, 58.8458



71.9779, 65.2655, 66.0346



64.3950, 64.3805, 56.6128



15.1472, 15.0867, 16.0603



19.2340, 9.8963, 1.7674



1.5364, 0.7875, 0.2759

Inverse Universe

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



61.3267, 57.1877, 58.8458



71.9779, 65.2655, 66.0346



60.1333, 65.9449, 86.6507



15.1472, 15.0867, 16.0603



19.2340, 9.8963, 1.7674



1.5364, 0.7875, 0.2759

Previews

White Background



This preview shows how the XYZ color 61.3251, 57.1851, 58.8446 looks on a white background.

Color Contrast Check

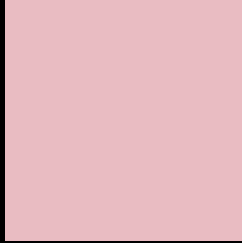
Large Text (above 18pt) WCAG AA × Fail

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 61.3251, 57.1851, 58.8446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

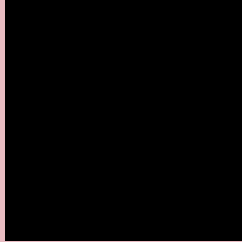
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3251, 57.1851, 58.8446

Background



This preview shows how black text looks on a background with the XYZ color 61.3251, 57.1851, 58.8446.



This preview shows how white text looks on a background with the XYZ color 61.3251, 57.1851,

58.8446.

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

61.3251, 57.1851, 58.8446

Protanopia

55.2480, 57.2548, 62.7830

Deuteranopia

58.5144, 57.3623, 58.4401



Tritanopia

62.2446, 57.2501, 63.0281

Trichromacy



Original Color

61.3251, 57.1851, 58.8446

Protanomaly

57.2164, 56.9569, 61.4042

Deuteranomaly

59.3078, 57.1194, 58.3514

Tritanomaly

61.8951, 57.1103, 61.1872

Monochromacy



Original Color

61.3251, 57.1851, 58.8446

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.7156, 58.2022, 62.2250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3251, 57.1851, 58.8446 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(233, 188, 194)` looks like.

```
.text, #text, p{  
    color:rgb(233, 188, 194)  
}
```

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(233, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 188, 194) }
```

Border

The CSS property to change the border of an element to XYZ 61.3251, 57.1851, 58.8446 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(233, 188, 194) }
```


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

```
.border{ border-color:rgb(233, 188, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 188, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 188, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 188, 194); box-shadow:4px 4px 4px 4px rgb(233, 188, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3251, 57.1851, 58.8446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 188, 194) }
```

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

```
.background{ background-color: rgb(233,  
188, 194) }
```

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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