

Converting Colors

XYZ(61.4688, 58.0420, 57.5034)

Have a look what the booklet for
XYZ(61.4688, 58.0420, 57.5034)
contains.

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Color

**XYZ(61.4217, 57.9121,
57.2311)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BEBF
RGB	233, 190, 191
RGB Percent	91%, 75%, 75%
CMY	0.0863, 0.2549, 0.2510
CMYK	0.00, 0.18, 0.18, 0.09
HSL	359°, 49%, 83%
HSV	359°, 18%, 91%
XYZ	61.4217, 57.9121, 57.2311
YIQ	202.9710, 25.3070, 9.4270

Conversions

Conversions Part 2

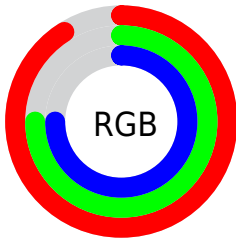
Format	Color
R_YB	233, 190, 191
Decimal	15318719
CIE _{Lab}	80.69, 15.51, 5.30
CIE _{LCh}	81, 16.393, 18.864
Yxy	57.9121, 0.3479, 0.3280
Android (android.graphics.Color)	4293508799 (0xFFE9BEBF)
YUV	202.9710, -5.9017, 26.3354
Hunter-Lab	76.1000, 10.8956, 8.6809

Details

The XYZ color **61.4217, 57.9121, 57.2311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.9419, 75.0526, 87.4114**, and the grayscale version is **56.7726, 59.7292, 65.0451**.

A 20% lighter version of the original color is **90.9843, 93.8869, 101.3223**, and **31.6646, 29.0734, 27.9876** is the 20% darker color. If you saturate the color by 10%, you get **54.4597, 47.6895, 43.4983**, and if you desaturate by 10%, it is **69.5829, 69.9090, 73.2853**.

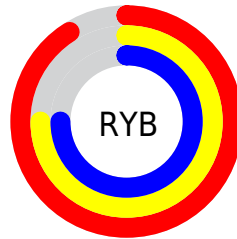
Distribution



Red (91%)

Green (75%)

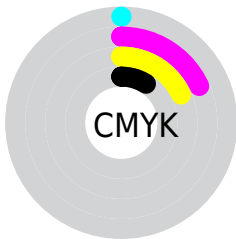
Blue (75%)



Red (91%)

Yellow (75%)

Blue (75%)

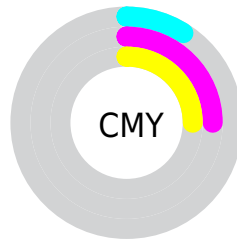


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (9%)



Cyan (9%)


Magenta (25%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4217, 57.9121, 57.2311 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 61.4217, 57.9121, 57.2311 by changing the saturation by 10% instead.


 61.4217, 57.9121,
57.2311

 61.4217, 57.9121,
57.2311

419.5698,
416.8583, 431.8327

 44.8194, 41.7380,
40.7802


 105.9839,
101.7948, 102.3060

 31.5159, 28.8962,
27.8290


134.6746,
130.2723, 131.7671

 21.1457, 19.0023,
17.9589


168.1255,
163.6196, 166.4020

 13.3436, 11.6719,
10.7513

206.7018,
202.2212, 206.6293

 7.7442, 6.5207,
5.7878

250.7691,
246.4615, 252.8674

 3.9822, 3.1642,
2.6498

300.6926,

 1.6920, 1.2181,

296.7248, 305.5350

0.9180

356.8377,
353.3956, 365.0506

■ 0.4513, 0.0764,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4217, 57.9121,
57.2311

■ 61.4217, 57.9121,
57.2311

■ 54.4597, 47.6895,
43.4983

■ 69.5829, 69.9090,
73.2853

■ 48.6359, 39.1498,
31.9760

■ 78.9910, 83.7506,
91.7575

■ 43.8913, 32.2051,
22.5500

■ 87.4145, 96.0638,
108.5427

■ 40.1595, 26.7565,
15.0943

■ 37.3670, 22.6941,
9.4691

■ 35.4301, 19.8930,
5.5167

■ 34.2506, 18.2058,
3.0526

■ 33.6925, 17.4216,
1.8430

■ 33.6341, 17.3356,
1.7284

Harmonies

Analogous

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



61.6658, 57.9121, 66.7177



61.4217, 57.9121, 57.2311



59.4281, 57.9121, 50.0583

Triad

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



61.4217, 57.9121, 57.2311



50.2953, 57.9121, 51.5938



53.7988, 57.9121, 83.1258

Complementary

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



61.4217, 57.9121, 57.2311



64.9419, 75.0526, 87.4114

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.



50.8805, 57.9121, 78.1298



61.4217, 57.9121, 57.2311



48.9135, 57.9121, 59.5316

Square

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



61.4217, 57.9121, 57.2311



52.9702, 57.9121, 47.0409



49.1233, 57.9121, 69.2642



57.1706, 57.9121, 82.3480

Rectangle

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



61.4217, 57.9121, 57.2311



57.4191, 57.9121, 47.2486



49.1233, 57.9121, 69.2642



52.7347, 57.9121, 82.0470

Sweetspot

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



61.4233, 57.9147, 57.2323



88.0481, 89.6982, 95.1533



66.2612, 59.7961, 85.1408



18.6901, 18.9699, 20.0606



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.



61.4233, 57.9147, 57.2323



72.0891, 66.2403, 63.7520



65.9633, 67.1695, 58.2067



15.0796, 15.0597, 15.7046



19.0908, 9.8390, 1.0133



1.5041, 0.7746, 0.1059

Inverse Universe

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



61.4233, 57.9147, 57.2323



72.0891, 66.2403, 63.7520



59.7229, 64.3876, 86.3717



15.0796, 15.0597, 15.7046



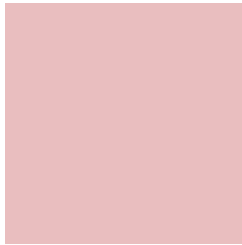
19.0908, 9.8390, 1.0133



1.5041, 0.7746, 0.1059

Previews

White Background



This preview shows how the XYZ color 61.4217, 57.9121, 57.2311 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 61.4217, 57.9121, 57.2311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

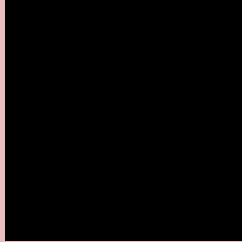
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4217, 57.9121, 57.2311

Background



This preview shows how black text looks on a background with the XYZ color 61.4217, 57.9121, 57.2311.



This preview shows how white text looks on a background with the XYZ color 61.4217, 57.9121,

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

61.4217, 57.9121, 57.2311

Protanopia

55.7949, 58.2732, 60.5317

Deuteranopia

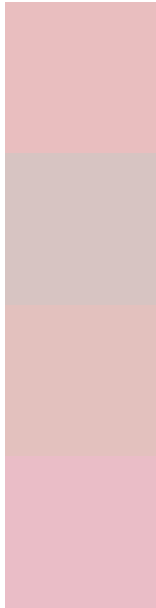
59.3265, 58.1486, 56.8121



Tritanopia

62.6944, 57.7707, 64.3464

Trichromacy



Original Color

61.4217, 57.9121, 57.2311

Protanomaly

57.5019, 57.8220, 59.1690

Deuteranomaly

60.0428, 58.1885, 56.7821

Tritanomaly

62.4381, 58.0111, 61.9393

Monochromacy



Original Color

61.4217, 57.9121, 57.2311

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.2344, 58.8078, 62.3146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4217, 57.9121, 57.2311 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, 190, 191)` looks like.

```
.text, #text, p{  
    color:rgb(233, 190, 191)  
}
```

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, 190, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 190, 191) }
```

Border

The CSS property to change the border of an element to XYZ 61.4217, 57.9121, 57.2311 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, 190, 191) }
```


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

```
.border{ border-color:rgb(233, 190, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 190, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 190, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 190, 191);  
box-shadow:4px 4px 4px 4px rgb(233, 190,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4217, 57.9121, 57.2311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 190, 191) }
```

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

```
.background{ background-color: rgb(233,  
190, 191) }
```

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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