

Converting Colors

XYZ(57.1537, 50.8112, 48.6811)

Have a look what the booklet for
XYZ(57.1537, 50.8112, 48.6811)
contains.

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Color

**XYZ(57.2404, 50.7637,
48.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	EBADB2
RGB	235, 173, 178
RGB Percent	92%, 68%, 70%
CMY	0.0784, 0.3215, 0.3020
CMYK	0.00, 0.26, 0.24, 0.08
HSL	355°, 61%, 80%
HSV	355°, 26%, 92%
XYZ	57.2404, 50.7637, 48.9009
YIQ	192.1080, 35.3470, 14.6990

Conversions

Conversions Part 2

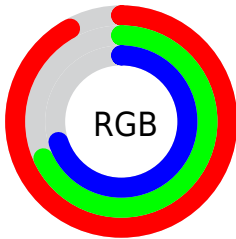
Format	Color
R _Y B	235, 173, 178
Decimal	15445426
CIE Lab	76.54, 23.38, 6.38
CIE LCh	77, 24.234, 15.271
Yxy	50.7637, 0.3648, 0.3235
Android (android.graphics.Color)	4293635506 (0xFFEBADB2)
YUV	192.1080, -6.9552, 37.6163
Hunter-Lab	71.2486, 18.7198, 9.1809

Details

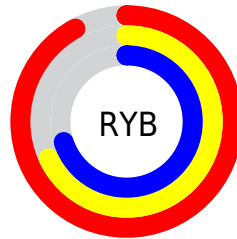
The XYZ color **57.2404, 50.7637, 48.9009** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.2270, 74.0153, 85.9261**, and the grayscale version is **50.1921, 52.8060, 57.5057**.

A 20% lighter version of the original color is **84.1106, 83.2391, 89.4756**, and **28.7782, 24.3786, 22.5908** is the 20% darker color. If you saturate the color by 10%, you get **51.1230, 41.7313, 36.9884**, and if you desaturate by 10%, it is **64.4949, 61.5226, 62.8793**.

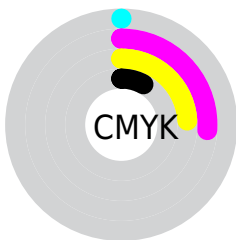
Distribution



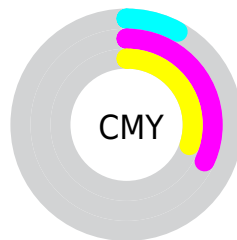
- Red (92%)
- Green (68%)
- Blue (70%)



- Red (92%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (8%)





- Cyan (8%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2404, 50.7637, 48.9009 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 57.2404, 50.7637, 48.9009 by changing the saturation by 10% instead.


 57.2404, 50.7637,
48.9009

 57.2404, 50.7637,
48.9009


404.3491,
389.6450, 398.9633

 41.4392, 36.0206,
34.1758


 99.9452, 91.3054,
89.9237

 28.8516, 24.4501,
22.7503


127.5795,
117.8727, 117.0585

 19.1123, 15.6678,
14.2056


159.8889,
149.1503, 149.1670

 11.8559, 9.2894,
8.1234

197.2387,
185.5225, 186.6677

 6.7172, 4.9304,
4.0851

239.9942,
227.3736, 229.9791

 3.3306, 2.2065,
1.6722

288.5209,

 1.3309, 0.7235,

275.0882, 279.5199

0.3416

343.1841,
329.0505, 335.7084

■ 0.2062, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2404, 50.7637,
48.9009

■ 57.2404, 50.7637,
48.9009

■ 51.1230, 41.7313,
36.9884

■ 64.4949, 61.5226,
62.8793

■ 46.0809, 34.3288,
27.0409

■ 72.9356, 74.0837,
79.0118

■ 42.0532, 28.4611,
18.9535

■ 82.6139, 88.5270,
97.3854

■ 38.9707, 24.0203,
12.6105

■ 88.0711, 96.4022,
108.5734

■ 36.7559, 20.8847,
7.8830

■ 35.3187, 18.9120,
4.6245

■ 34.5484, 17.9249,
2.6611

■ 34.3781, 17.7090,
2.2194

Harmonies

Analogous

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



57.2646, 50.7637, 61.9271



57.2404, 50.7637, 48.9009



54.7070, 50.7637, 39.2405

Triad

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



57.2404, 50.7637, 48.9009



42.2671, 50.7637, 39.3749



46.0478, 50.7637, 83.3861

Complementary

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



57.2404, 50.7637, 48.9009



61.2270, 74.0153, 85.9261

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.



42.3210, 50.7637, 75.1676



57.2404, 50.7637, 48.9009



40.2338, 50.7637, 49.1135

Square

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



57.2404, 50.7637, 48.9009



45.9698, 50.7637, 34.3618



40.2529, 50.7637, 62.1760



50.6030, 50.7637, 83.3050

Rectangle

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



57.2404, 50.7637, 48.9009



52.0226, 50.7637, 35.4068



40.2529, 50.7637, 62.1760



44.6631, 50.7637, 81.4518

Sweetspot

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



57.2418, 50.7661, 48.9019



86.0097, 86.5182, 91.7091



62.5201, 52.6832, 85.4713



18.0688, 18.0108, 18.9793



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.



57.2418, 50.7661, 48.9019



64.4960, 54.5950, 50.3052



62.1904, 61.4515, 48.1217



15.1147, 15.0737, 15.8894



19.1511, 9.8631, 1.3311



1.5209, 0.7813, 0.1946

Inverse Universe

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



57.2418, 50.7661, 48.9019



64.4960, 54.5950, 50.3052



55.0724, 60.5672, 87.3856



15.1147, 15.0737, 15.8894



19.1511, 9.8631, 1.3311



1.5209, 0.7813, 0.1946

Previews

White Background



This preview shows how the XYZ color 57.2404, 50.7637, 48.9009 looks on a white background.

Color Contrast Check

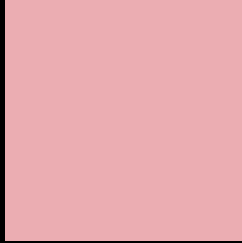
Large Text (above 18pt) WCAG AA × Fail

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 57.2404, 50.7637, 48.9009 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 57.2404, 50.7637, 48.9009

Background



This preview shows how black text looks on a background with the XYZ color 57.2404, 50.7637, 48.9009.



This preview shows how white text looks on a background with the XYZ color 57.2404, 50.7637,

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

57.2404, 50.7637, 48.9009

Protanopia

48.8385, 50.8491, 53.6952

Deuteranopia

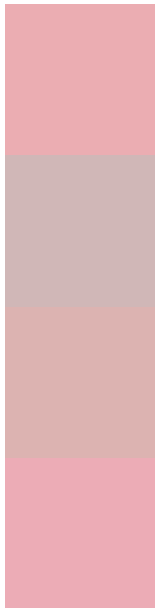
51.9213, 50.9986, 48.1815



Tritanopia

58.1016, 50.8407, 52.6499

Trichromacy



Original Color

57.2404, 50.7637, 48.9009

Protanomaly

51.4932, 50.6958, 51.8710

Deuteranomaly

53.5711, 50.6302, 48.5441

Tritanomaly

57.7881, 50.7153, 50.9992

Monochromacy



Original Color

57.2404, 50.7637, 48.9009

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.3310, 51.6957, 54.2338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2404, 50.7637, 48.9009 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(235, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(235, 173, 178)  
}
```

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(235, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 173, 178) }
```

Border

The CSS property to change the border of an element to XYZ 57.2404, 50.7637, 48.9009 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(235, 173, 178) }
```


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

```
.border{ border-color:rgb(235, 173, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(235, 173,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2404, 50.7637, 48.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 173, 178) }
```

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

```
.background{ background-color: rgb(235,  
173, 178) }
```

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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