

Converting Colors

XYZ(57.1172, 52.4987, 48.5269)

Have a look what the booklet for
XYZ(57.1172, 52.4987, 48.5269)
contains.

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Color

**XYZ(57.0109, 52.4034,
48.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B3B1
RGB	231, 179, 177
RGB Percent	91%, 70%, 69%
CMY	0.0941, 0.2980, 0.3059
CMYK	0.00, 0.23, 0.23, 0.09
HSL	2°, 53%, 80%
HSV	2°, 23%, 91%
XYZ	57.0109, 52.4034, 48.7050
YIQ	194.3200, 31.6340, 10.4020

Conversions

Conversions Part 2

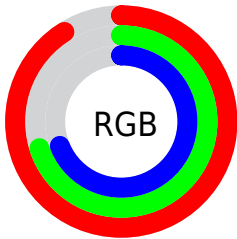
Format	Color
R _Y B	231, 179, 177
Decimal	15184817
CIE Lab	77.52, 18.56, 8.29
CIE LCh	78, 20.330, 24.057
Yxy	52.4034, 0.3606, 0.3314
Android (android.graphics.Color)	4293374897 (0xFFE7B3B1)
YUV	194.3200, -8.5388, 32.1684
Hunter-Lab	72.3902, 13.8948, 10.7821

Details

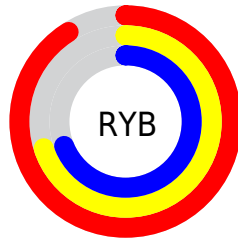
The XYZ color **57.0109, 52.4034, 48.7050** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.5739, 71.1533, 86.1431**, and the grayscale version is **51.5047, 54.1870, 59.0096**.

A 20% lighter version of the original color is **85.6563, 86.5599, 89.2839**, and **28.7781, 25.4909, 22.4722** is the 20% darker color. If you saturate the color by 10%, you get **50.7966, 43.3526, 36.2193**, and if you desaturate by 10%, it is **64.3369, 63.0530, 63.4852**.

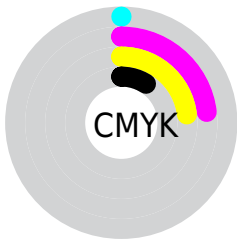
Distribution



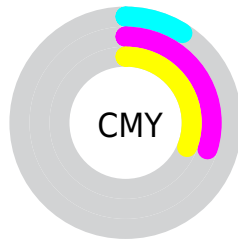
- Red (91%)
- Green (70%)
- Blue (69%)



- Red (91%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0109, 52.4034, 48.7050 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 57.0109, 52.4034, 48.7050 by changing the saturation by 10% instead.


 57.0109, 52.4034,
48.7050

 57.0109, 52.4034,
48.7050


403.5037,
395.9920, 398.1688

 41.2542, 37.3267,
34.0216


 99.6124, 93.7259,
89.6296

 28.7063, 25.4606,
22.6327


127.1878,
120.7405, 116.7079

 19.0019, 16.4205,
14.1198


159.4335,
152.5032, 148.7548

 11.7757, 9.8222,
8.0643

196.7149,
189.3984, 186.1890

 6.6622, 5.2812,
4.0478

239.3972,
231.8105, 229.4289

 3.2962, 2.4132,
1.6516

287.8459,

 1.3123, 0.8327,

280.1238, 278.8932

0.3272

342.4262,
334.7229, 335.0003

■ 0.1924, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0109, 52.4034,
48.7050

■ 57.0109, 52.4034,
48.7050

■ 50.7966, 43.3526,
36.2193

■ 64.3369, 63.0530,
63.4852

■ 45.6356, 35.8167,
25.9102

■ 72.8206, 75.3656,
80.6634

■ 41.4709, 29.7151,
17.6539

■ 82.5108, 89.4109,
100.3408

■ 38.2382, 24.9568,
11.3132

■ 86.7652, 95.7290,
108.5123

■ 35.8656, 21.4405,
6.7341

■ 34.2710, 19.0506,
3.7387

■ 33.3561, 17.6494,
2.1119

■ 33.0482, 17.1751,
1.5733

Harmonies

Analogous

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



57.6855, 52.4034, 59.3223



57.0109, 52.4034, 48.7050



54.3635, 52.4034, 41.3084

Triad

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



57.0109, 52.4034, 48.7050



43.9526, 52.4034, 45.3046



49.0317, 52.4034, 81.3289

Complementary

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



57.0109, 52.4034, 48.7050



60.5739, 71.1533, 86.1431

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.



45.5141, 52.4034, 76.3755



57.0109, 52.4034, 48.7050



42.6822, 52.4034, 54.8528

Square

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



57.0109, 52.4034, 48.7050



46.7986, 52.4034, 39.5328



43.2386, 52.4034, 66.3161



52.9434, 52.4034, 79.1219

Rectangle

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



57.0109, 52.4034, 48.7050



51.9066, 52.4034, 38.7206



43.2386, 52.4034, 66.3161



47.7664, 52.4034, 80.4278

Sweetspot

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



57.0123, 52.4058, 48.7061



87.0680, 88.4232, 92.7141



62.8484, 54.1021, 81.4059



18.4963, 18.7232, 19.5613



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.



57.0123, 52.4058, 48.7061



67.4615, 59.9273, 53.1394



62.9145, 64.2102, 50.6735



14.4197, 14.4532, 14.9342



18.5470, 9.6681, 0.8886



1.3858, 0.7449, 0.0707

Inverse Universe

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



60.5739, 71.1533, 86.1431



72.6418, 87.2017, 107.6107



53.7233, 57.4522, 83.8596



14.7592, 16.2398, 18.5010



22.8148, 32.6918, 47.4908



1.7003, 2.4446, 3.5142

Previews

White Background



This preview shows how the XYZ color 57.0109, 52.4034, 48.7050 looks on a white background.

Color Contrast Check

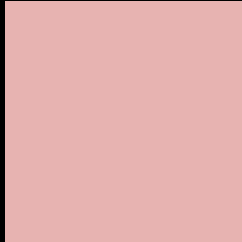
Large Text (above 18pt) WCAG AA × Fail

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 57.0109, 52.4034, 48.7050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

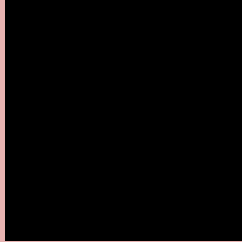
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0109, 52.4034, 48.7050

Background



This preview shows how black text looks on a background with the XYZ color 57.0109, 52.4034, 48.7050.



This preview shows how white text looks on a background with the XYZ color 57.0109, 52.4034,

48.7050.

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

57.0109, 52.4034, 48.7050

Protanopia

50.3085, 52.5926, 52.8472

Deuteranopia

53.5043, 52.4314, 48.3746



Tritanopia

58.7304, 52.5295, 56.3340

Trichromacy



Original Color

57.0109, 52.4034, 48.7050

Protanomaly

52.4053, 52.4322, 51.0744

Deuteranomaly

54.5888, 52.3737, 48.3063

Tritanomaly

58.0620, 52.5418, 53.5357

Monochromacy



Original Color

57.0109, 52.4034, 48.7050

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.0068, 53.2914, 55.0695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0109, 52.4034, 48.7050 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(231, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(231, 179, 177)  
}
```

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(231, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 179, 177) }
```

Border

The CSS property to change the border of an element to XYZ 57.0109, 52.4034, 48.7050 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(231, 179, 177) }
```


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

```
.border{ border-color:rgb(231, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(231, 179,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0109, 52.4034, 48.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 179, 177) }
```

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

```
.background{ background-color: rgb(231,  
179, 177) }
```

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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