

Converting Colors

XYZ(57.8250, 54.0313, 48.9731)

Have a look what the booklet for
XYZ(57.8250, 54.0313, 48.9731)
contains.

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Color

**XYZ(57.8243, 54.0302,
48.9762)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B7B1
RGB	231, 183, 177
RGB Percent	91%, 72%, 69%
CMY	0.0941, 0.2823, 0.3059
CMYK	0.00, 0.21, 0.23, 0.09
HSL	7°, 53%, 80%
HSV	7°, 23%, 91%
XYZ	57.8243, 54.0302, 48.9762
YIQ	196.6680, 30.5340, 8.3100

Conversions

Conversions Part 2

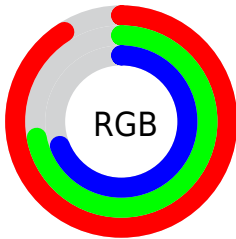
Format	Color
R _Y B	231, 184, 177
Decimal	15185841
CIE Lab	78.48, 16.43, 9.66
CIE LCh	78, 19.058, 30.440
Yxy	54.0302, 0.3595, 0.3359
Android (android.graphics.Color)	4293375921 (0xFFE7B7B1)
YUV	196.6680, -9.6963, 30.1092
Hunter-Lab	73.5052, 11.7863, 11.9490

Details

The XYZ color **57.8243, 54.0302, 48.9762** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.4799, 68.9652, 85.7784**, and the grayscale version is **52.9156, 55.6714, 60.6261**.

A 20% lighter version of the original color is **86.8145, 88.8762, 89.6700**, and **29.2999, 26.5345, 22.6462** is the 20% darker color. If you saturate the color by 10%, you get **51.7837, 45.3268, 36.5484**, and if you desaturate by 10%, it is **64.8754, 64.1299, 63.6648**.

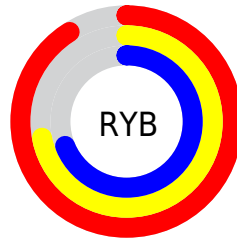
Distribution



Red (91%)

Green (72%)

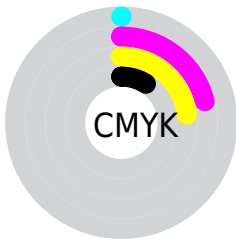
Blue (69%)



Red (91%)

Yellow (72%)

Blue (69%)

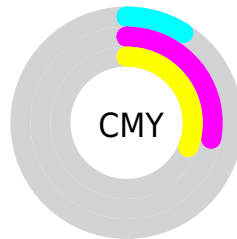


Cyan (0%)

Magenta (21%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (28%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8243, 54.0302, 48.9762 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 57.8243, 54.0302, 48.9762 by changing the saturation by 10% instead.

 57.8243, 54.0302,
48.9762

 57.8243, 54.0302,
48.9762


406.4953,
402.2252, 399.2684

 41.9101, 38.6258,
34.2351


 100.7914, 96.1186,
90.0367

 29.2217, 26.4688,
22.7955

128.5750,
123.5714, 117.1933

 19.3937, 17.1746,
14.2387


161.0458,
155.8091, 149.3254

 12.0608, 10.3591,
8.1462

198.5692,
193.2161, 186.8516

 6.8576, 5.6377,
4.0995

241.5105,
236.1768, 230.1905

 3.4187, 2.6260,
1.6801

290.2350,

 1.3789, 0.9398,

285.0756, 279.7605

0.3470

345.1082,
340.2969, 335.9803

■ 0.2411, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8243, 54.0302,
48.9762

■ 57.8243, 54.0302,
48.9762

■ 51.7837, 45.3268,
36.5484

■ 64.8754, 64.1299,
63.6648

■ 46.7029, 37.9512,
26.2660

■ 72.9758, 75.6758,
80.7152

■ 42.5335, 31.8402,
18.0082

■ 82.1676, 88.7245,
100.2265

■ 39.2210, 26.9225,
11.6409

■ 86.7652, 95.7290,
108.5123

■ 36.7052, 23.1198,
7.0140

■ 34.9178, 20.3441,
3.9543

■ 33.7785, 18.4942,
2.2527

■ 33.3176, 17.7139,
1.6631

Harmonies

Analogous

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



58.9064, 54.0302, 58.6712



57.8243, 54.0302, 48.9762



54.9937, 54.0302, 42.6346

Triad

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



57.8243, 54.0302, 48.9762



45.3345, 54.0302, 49.2198



51.4095, 54.0302, 81.9874

Complementary

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



57.8243, 54.0302, 48.9762



59.4799, 68.9652, 85.7784

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.



47.8787, 54.0302, 78.6805



57.8243, 54.0302, 48.9762



44.4766, 54.0302, 58.9885

Square

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



57.8243, 54.0302, 48.9762



47.7872, 54.0302, 42.7627



45.3855, 54.0302, 69.9234



55.0942, 54.0302, 78.4881

Rectangle

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



57.8243, 54.0302, 48.9762



52.5608, 54.0302, 40.7268



45.3855, 54.0302, 69.9234



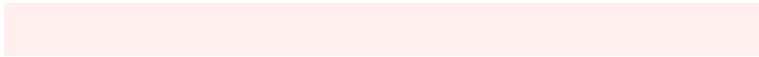
50.1660, 54.0302, 81.6310

Sweetspot

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



57.8258, 54.0327, 48.9773



87.4540, 89.1951, 92.8428



62.3503, 53.9029, 78.7826



18.5853, 18.9013, 19.5910



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.



57.8258, 54.0327, 48.9773



68.5984, 62.2011, 53.5184



63.7901, 65.9613, 50.9654



14.5054, 14.6246, 14.9628



18.7225, 10.0192, 0.9471



1.4268, 0.8269, 0.0844

Inverse Universe

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



59.4799, 68.9652, 85.7784



71.0009, 83.9198, 107.0637



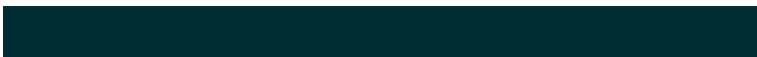
52.8874, 55.7803, 83.5809



14.6634, 16.0482, 18.4691



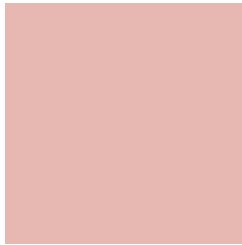
20.4246, 27.9114, 46.6941



1.5485, 2.1410, 3.4636

Previews

White Background



This preview shows how the XYZ color 57.8243, 54.0302, 48.9762 looks on a white background.

Color Contrast Check

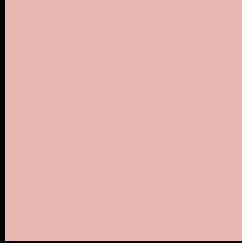
Large Text (above 18pt) WCAG AA × Fail

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 57.8243, 54.0302, 48.9762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

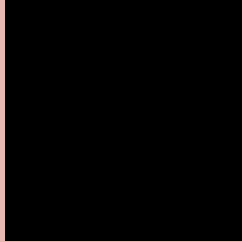
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8243, 54.0302, 48.9762

Background



This preview shows how black text looks on a background with the XYZ color 57.8243, 54.0302, 48.9762.



This preview shows how white text looks on a background with the XYZ color 57.8243, 54.0302,

48.9762.

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

57.8243, 54.0302, 48.9762

Protanopia

51.9264, 54.4200, 52.5670

Deuteranopia

55.1220, 53.8909, 48.5710



Tritanopia

59.6631, 53.8612, 58.2906

Trichromacy



Original Color

57.8243, 54.0302, 48.9762

Protanomaly

53.9053, 54.1602, 51.3289

Deuteranomaly

56.1358, 54.0997, 48.5579

Tritanomaly

58.8797, 53.8344, 54.8647

Monochromacy



Original Color

57.8243, 54.0302, 48.9762

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.4384, 54.9723, 56.4567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8243, 54.0302, 48.9762 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, 183, 177)` looks like.

```
.text, #text, p{  
    color:rgb(231, 183, 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, 183, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 183, 177) }
```

Border

The CSS property to change the border of an element to XYZ 57.8243, 54.0302, 48.9762 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, 183, 177) }
```


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

```
.border{ border-color:rgb(231, 183, 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, 183, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 183, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 183, 177);  
box-shadow:4px 4px 4px 4px rgb(231, 183,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8243, 54.0302, 48.9762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 183, 177) }
```

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

```
.background{ background-color: rgb(231,  
183, 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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