

Converting Colors

XYZ(57.5860, 53.0323, 47.3481)

Have a look what the booklet for
XYZ(57.5860, 53.0323, 47.3481)
contains.

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Color

**XYZ(57.5655, 53.0221,
47.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B4AE
RGB	233, 180, 174
RGB Percent	91%, 71%, 68%
CMY	0.0863, 0.2941, 0.3176
CMYK	0.00, 0.23, 0.25, 0.09
HSL	6°, 57%, 80%
HSV	6°, 25%, 91%
XYZ	57.5655, 53.0221, 47.2447
YIQ	195.1630, 33.5140, 9.3700

Conversions

Conversions Part 2

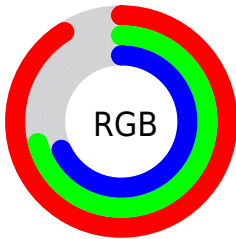
Format	Color
RYB	233, 181, 174
Decimal	15316142
CIELab	77.89, 18.35, 10.46
CIELCh	78, 21.121, 29.697
Yxy	53.0221, 0.3647, 0.3359
Android (android.graphics.Color)	4293506222 (0xFFE9B4AE)
YUV	195.1630, -10.4334, 33.1830
Hunter-Lab	72.8163, 13.6861, 12.5028

Details

The XYZ color **57.5655, 53.0221, 47.2447** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.6320, 69.8181, 87.4244**, and the grayscale version is **52.0163, 54.7252, 59.5958**.

A 20% lighter version of the original color is **85.3783, 86.9080, 86.4038**, and **29.0067, 25.8140, 21.8661** is the 20% darker color. If you saturate the color by 10%, you get **51.5774, 44.3711, 34.9972**, and if you desaturate by 10%, it is **64.5884, 63.1115, 61.7822**.

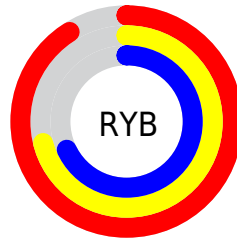
Distribution



Red (91%)

Green (71%)

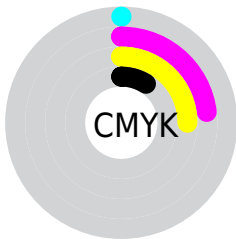
Blue (68%)



Red (91%)

Yellow (71%)

Blue (68%)

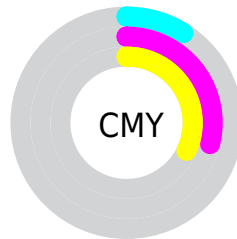


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (9%)



Cyan (9%)


Magenta (29%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5655, 53.0221, 47.2447 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 57.5655, 53.0221, 47.2447 by changing the saturation by 10% instead.


 57.5655, 53.0221,
47.2447

 57.5655, 53.0221,
47.2447


405.5449,
398.3699, 392.2124

 41.7013, 37.8204,
32.8734


 100.4165, 94.6369,
87.4326

 29.0576, 25.8433,
21.7592


128.1340,
121.8188, 114.0862

 19.2689, 16.7065,
13.4834


160.5333,
153.7629, 145.6711

 11.9699, 10.0254,
7.6276

197.9799,
190.8535, 182.6057

 6.7952, 5.4158,
3.7733

240.8389,
233.4752, 225.3086

 3.3796, 2.4932,
1.5018

289.4759,

 1.3575, 0.8733,

282.0122, 274.1983

0.2193

344.2561,
336.8490, 329.6934

■ 0.2256, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5655, 53.0221,
47.2447

■ 57.5655, 53.0221,
47.2447

■ 51.5774, 44.3711,
34.9972

■ 64.5884, 63.1115,
61.7822

■ 46.5711, 37.0860,
24.9198

■ 72.6875, 74.6929,
78.7147

■ 42.4951, 31.0990,
16.8867

■ 81.9070, 87.8262,
98.1448

■ 39.2916, 26.3336,
10.7576

■ 87.4144, 96.0637,
108.5427

■ 36.8962, 22.7055,
6.3747

■ 35.2354, 20.1192,
3.5549

■ 34.2222, 18.4635,
2.0737

■ 33.9251, 17.9652,
1.6796

Harmonies

Analogous

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



58.7053, 53.0221, 57.8515



57.5655, 53.0221, 47.2447



54.4830, 53.0221, 40.3369

Triad

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



57.5655, 53.0221, 47.2447



43.8858, 53.0221, 47.0641



50.3542, 53.0221, 83.4063

Complementary

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



57.5655, 53.0221, 47.2447



59.6320, 69.8181, 87.4244

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.



46.5185, 53.0221, 79.5228



57.5655, 53.0221, 47.2447



42.9101, 53.0221, 57.6128

Square

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



57.5655, 53.0221, 47.2447



46.5870, 53.0221, 40.2430



43.8478, 53.0221, 69.6668



54.4070, 53.0221, 79.6707

Rectangle

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



57.5655, 53.0221, 47.2447



51.8203, 53.0221, 38.2305



43.8478, 53.0221, 69.6668



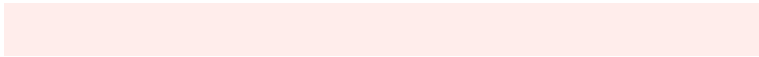
48.9978, 53.0221, 82.9419

Sweetspot

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



57.5669, 53.0246, 47.2458



86.3681, 87.6160, 90.6541



62.6197, 53.1480, 79.7040



18.1581, 18.2843, 18.7165



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.



57.5669, 53.0246, 47.2458



66.9453, 59.7326, 50.3843



64.1435, 66.1776, 49.4380



15.1888, 15.3006, 15.6715



19.2910, 10.2763, 0.9668



1.5564, 0.8902, 0.0898

Inverse Universe

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



59.6320, 69.8181, 87.4244



69.8515, 83.3972, 107.0234



52.2669, 55.0881, 84.9694



15.3791, 16.8446, 19.3630



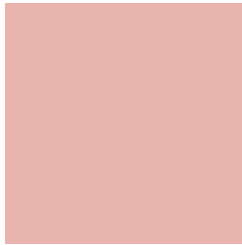
21.3763, 29.3996, 48.2910



1.7164, 2.3843, 3.8046

Previews

White Background



This preview shows how the XYZ color 57.5655, 53.0221, 47.2447 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 57.5655, 53.0221, 47.2447 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 57.5655, 53.0221, 47.2447

Background



This preview shows how black text looks on a background with the XYZ color 57.5655, 53.0221, 47.2447.



This preview shows how white text looks on a background with the XYZ color 57.5655, 53.0221,

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

57.5655, 53.0221, 47.2447

Protanopia

50.6410, 53.1367, 50.7674

Deuteranopia

54.3151, 53.1950, 46.9401



Tritanopia

59.3871, 52.8680, 56.3647

Trichromacy



Original Color

57.5655, 53.0221, 47.2447

Protanomaly

52.8831, 53.0297, 49.5680

Deuteranomaly

55.4238, 53.1454, 46.8721

Tritanomaly

58.6090, 52.8360, 53.0083

Monochromacy



Original Color

57.5655, 53.0221, 47.2447

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.6776, 53.9701, 54.6019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5655, 53.0221, 47.2447 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, 180, 174)` looks like.

```
.text, #text, p{  
    color:rgb(233, 180, 174)  
}
```

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, 180, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 180, 174) }
```

Border

The CSS property to change the border of an element to XYZ 57.5655, 53.0221, 47.2447 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, 180, 174) }
```


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

```
.border{ border-color:rgb(233, 180, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 180, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 180, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 180, 174);  
box-shadow:4px 4px 4px 4px rgb(233, 180,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5655, 53.0221, 47.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 180, 174) }
```

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

```
.background{ background-color: rgb(233,  
180, 174) }
```

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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