

Converting Colors

XYZ(57.7423, 53.4698, 48.2089)

Have a look what the booklet for
XYZ(57.7423, 53.4698, 48.2089)
contains.

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Color

**XYZ(57.6391, 53.3381,
48.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B5B0
RGB	232, 181, 176
RGB Percent	91%, 71%, 69%
CMY	0.0902, 0.2902, 0.3098
CMYK	0.00, 0.22, 0.24, 0.09
HSL	5°, 55%, 80%
HSV	5°, 24%, 91%
XYZ	57.6391, 53.3381, 48.3317
YIQ	195.6790, 32.0010, 9.2570

Conversions

Conversions Part 2

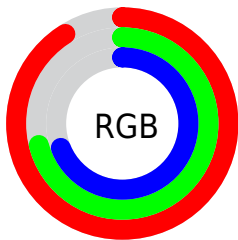
Format	Color
R _Y B	232, 181, 176
Decimal	15250864
CIE Lab	78.07, 17.72, 9.63
CIE LCh	78, 20.173, 28.521
Yxy	53.3381, 0.3618, 0.3348
Android (android.graphics.Color)	4293440944 (0xFFE8B5B0)
YUV	195.6790, -9.7017, 31.8535
Hunter-Lab	73.0329, 13.0682, 11.8862

Details

The XYZ color **57.6391, 53.3381, 48.3317** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.9385, 69.9928, 86.6953**, and the grayscale version is **52.3211, 55.0459, 59.9449**.

A 20% lighter version of the original color is **86.0897, 87.6546, 88.7255**, and **29.0365, 26.0075, 22.5584** is the 20% darker color. If you saturate the color by 10%, you get **51.5621, 44.5488, 35.9322**, and if you desaturate by 10%, it is **64.7628, 63.5920, 63.0167**.

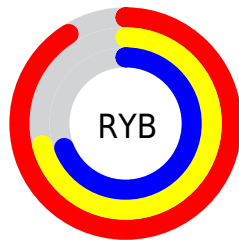
Distribution



Red (91%)

Green (71%)

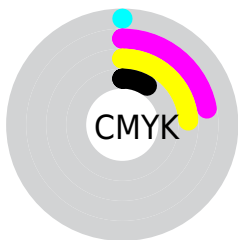
Blue (69%)



Red (91%)

Yellow (71%)

Blue (69%)

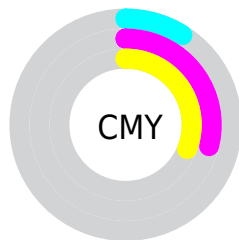


Cyan (0%)

Magenta (22%)

Yellow (24%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6391, 53.3381, 48.3317 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 57.6391, 53.3381, 48.3317 by changing the saturation by 10% instead.

■ 57.6391, 53.3381,
48.3317

■ 57.6391, 53.3381,
48.3317

405.8154,
399.5809, 396.6520

■ 41.7607, 38.0727,
33.7278

■ 100.5231, 95.1017,
89.0688

■ 29.1043, 26.0392,
22.4089

128.2594,
122.3687, 116.0390

■ 19.3044, 16.8529,
13.9565

160.6791,
154.4051, 147.9684

■ 11.9957, 10.1297,
7.9520

198.1475,
191.5952, 185.2755

■ 6.8130, 5.4850,
3.9769

241.0300,
234.3234, 228.3789

■ 3.3907, 2.5346,
1.6127

289.6919,

■ 1.3636, 0.8939,

282.9742, 277.6970

0.2998

344.4986,
337.9319, 333.6486

■ 0.2300, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6391, 53.3381,
48.3317

■ 57.6391, 53.3381,
48.3317

■ 51.5621, 44.5488,
35.9322

■ 64.7628, 63.5920,
63.0167

■ 46.4782, 37.1504,
25.7001

■ 72.9747, 75.3654,
80.0905

■ 42.3357, 31.0736,
17.5118

■ 82.3194, 88.7193,
99.6544

■ 39.0765, 26.2405,
11.2297

■ 87.0889, 95.8959,
108.5274

■ 36.6359, 22.5648,
6.6996

■ 34.9403, 19.9494,
3.7430

■ 33.9026, 18.2808,
2.1431

■ 33.5422, 17.6824,
1.6452

Harmonies

Analogous

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



58.6424, 53.3381, 58.6371



57.6391, 53.3381, 48.3317



54.7507, 53.3381, 41.4868

Triad

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



57.6391, 53.3381, 48.3317



44.5134, 53.3381, 47.4798



50.5013, 53.3381, 82.5429

Complementary

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



57.6391, 53.3381, 48.3317



59.9385, 69.9928, 86.6953

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.



46.8471, 53.3381, 78.5858



57.6391, 53.3381, 48.3317



43.5025, 53.3381, 57.5187

Square

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



57.6391, 53.3381, 48.3317



47.1686, 53.3381, 41.0415



44.3346, 53.3381, 69.0494



54.3955, 53.3381, 79.2719

Rectangle

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



57.6391, 53.3381, 48.3317



52.2169, 53.3381, 39.3235



44.3346, 53.3381, 69.0494



49.2054, 53.3381, 82.0054

Sweetspot

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



57.6405, 53.3406, 48.3328



87.3399, 88.9670, 92.8048



62.7158, 53.7717, 79.9885



18.5590, 18.8487, 19.5822



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.



57.6405, 53.3406, 48.3328



67.4959, 60.4188, 51.8475



63.8345, 65.7286, 50.3975



14.4800, 14.5739, 14.9543



18.6596, 9.8934, 0.9261



1.4147, 0.8027, 0.0804

Inverse Universe

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



59.9385, 69.9928, 86.6953



70.8058, 84.4258, 107.1717



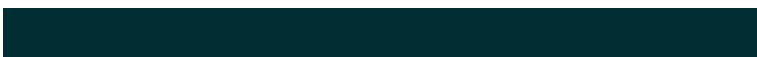
52.9709, 56.0574, 84.3727



14.6916, 16.1045, 18.4785



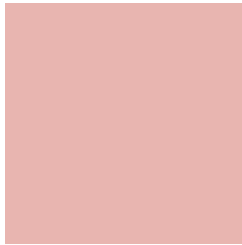
21.1035, 29.2690, 46.9204



1.5919, 2.2278, 3.4781

Previews

White Background



This preview shows how the XYZ color 57.6391, 53.3381, 48.3317 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 57.6391, 53.3381, 48.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

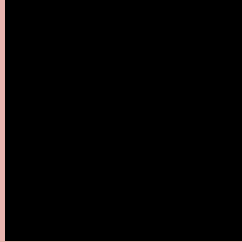
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6391, 53.3381, 48.3317

Background



This preview shows how black text looks on a background with the XYZ color 57.6391, 53.3381, 48.3317.



This preview shows how white text looks on a background with the XYZ color 57.6391, 53.3381,

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

57.6391, 53.3381, 48.3317

Protanopia

51.0666, 53.6594, 51.9218

Deuteranopia

54.5102, 53.2730, 47.9672



Tritanopia

59.5662, 53.5384, 57.0636

Trichromacy



Original Color

57.6391, 53.3381, 48.3317

Protanomaly

53.2998, 53.5394, 50.7049

Deuteranomaly

55.6188, 53.2234, 47.8992

Tritanomaly

58.7885, 53.5113, 53.6846

Monochromacy



Original Color

57.6391, 53.3381, 48.3317

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.1106, 54.4910, 55.8100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6391, 53.3381, 48.3317 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(232, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 181, 176)  
}
```

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(232, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 181, 176) }
```

Border

The CSS property to change the border of an element to XYZ 57.6391, 53.3381, 48.3317 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(232, 181, 176) }
```


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

```
.border{ border-color:rgb(232, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 181,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6391, 53.3381, 48.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 181, 176) }
```

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

```
.background{ background-color: rgb(232,  
181, 176) }
```

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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