

Converting Colors

XYZ(58.2984, 54.2566, 50.3409)

Have a look what the booklet for
XYZ(58.2984, 54.2566, 50.3409)
contains.

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Color

**XYZ(58.4504, 54.3181,
50.5838)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B7B4
RGB	232, 183, 180
RGB Percent	91%, 72%, 71%
CMY	0.0902, 0.2823, 0.2941
CMYK	0.00, 0.21, 0.22, 0.09
HSL	3°, 53%, 81%
HSV	3°, 22%, 91%
XYZ	58.4504, 54.3181, 50.5838
YIQ	197.3090, 30.1670, 9.4550

Conversions

Conversions Part 2

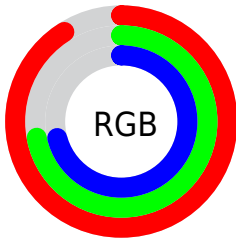
Format	Color
R _Y B	232, 183, 180
Decimal	15251380
CIE Lab	78.65, 17.23, 8.29
CIE LCh	79, 19.121, 25.679
Yxy	54.3181, 0.3578, 0.3325
Android (android.graphics.Color)	4293441460 (0xFFE8B7B4)
YUV	197.3090, -8.5333, 30.4240
Hunter-Lab	73.7008, 12.5878, 10.8975

Details

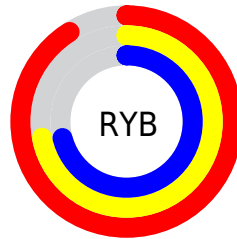
The XYZ color **58.4504, 54.3181, 50.5838** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.4064, 71.5660, 86.9213**, and the grayscale version is **53.2961, 56.0716, 61.0620**.

A 20% lighter version of the original color is **87.2468, 89.0491, 91.9467**, and **29.7179, 26.7277, 23.6713** is the 20% darker color. If you saturate the color by 10%, you get **52.1181, 45.1243, 37.7724**, and if you desaturate by 10%, it is **65.8815, 65.0755, 65.7143**.

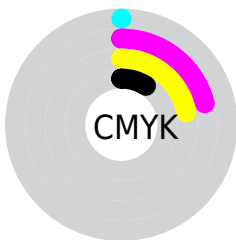
Distribution



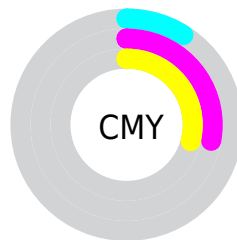
- Red (91%)
- Green (72%)
- Blue (71%)



- Red (91%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4504, 54.3181, 50.5838 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 58.4504, 54.3181, 50.5838 by changing the saturation by 10% instead.


 58.4504, 54.3181,
50.5838

 58.4504, 54.3181,
50.5838


408.7890,
403.3219, 405.7449

 42.4155, 38.8560,
35.5031


 101.6977, 96.5411,
92.4445

 29.6193, 26.6478,
23.7640


129.6407,
124.0709, 120.0615

 19.6965, 17.3088,
14.9481


162.2839,
156.3920, 152.6943

 12.2816, 10.4549,
8.6367

199.9926,
193.8889, 190.7615

 7.0093, 5.7016,
4.4114

243.1321,
236.9460, 234.6816

 3.5143, 2.6645,
1.8537

292.0677,

 1.4312, 0.9592,

285.9475, 284.8732

0.4630

347.1649,
341.2780, 341.7548

■ 0.2783, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4504, 54.3181,
50.5838

■ 58.4504, 54.3181,
50.5838

■ 52.1181, 45.1243,
37.7724

■ 65.8815, 65.0755,
65.7143

■ 46.8283, 37.4144,
27.1623

■ 74.4554, 77.4567,
83.2671

■ 42.5264, 31.1128,
18.6306

■ 84.2191, 91.5278,
103.3430

■ 39.1509, 26.1343,
12.0409

■ 87.0888, 95.8959,
108.5274

■ 36.6336, 22.3847,
7.2405

■ 34.8968, 19.7571,
4.0539

■ 33.8488, 18.1262,
2.2700

■ 33.4280, 17.4542,
1.6071

Harmonies

Analogous

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



59.2101, 54.3181, 60.7235



58.4504, 54.3181, 50.5838



55.8299, 54.3181, 43.5806

Triad

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



58.4504, 54.3181, 50.5838



45.8613, 54.3181, 48.1784



51.0827, 54.3181, 82.3911

Complementary

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



58.4504, 54.3181, 50.5838



61.4064, 71.5660, 86.9213

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.



47.6419, 54.3181, 78.0290



58.4504, 54.3181, 50.5838



44.7220, 54.3181, 57.5905

Square

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



58.4504, 54.3181, 50.5838



48.5455, 54.3181, 42.3152



45.3578, 54.3181, 68.6174



54.8378, 54.3181, 79.9285

Rectangle

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



58.4504, 54.3181, 50.5838



53.4443, 54.3181, 41.1994



45.3578, 54.3181, 68.6174



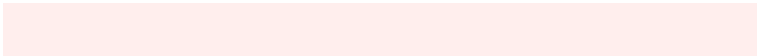
49.8528, 54.3181, 81.6611

Sweetspot

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



58.4519, 54.3206, 50.5849



87.1754, 88.6379, 92.7499



63.7992, 55.4785, 81.7680



18.5210, 18.7728, 19.5696



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.



58.4519, 54.3206, 50.5849



68.5601, 61.6940, 54.8326



64.2198, 65.8565, 52.5076



14.4435, 14.5009, 14.9421



18.5870, 9.7481, 0.9019



1.3972, 0.7678, 0.0746

Inverse Universe

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



61.4064, 71.5660, 86.9213



72.8402, 86.6859, 107.5007



54.8390, 58.4312, 84.7322



14.7324, 16.1862, 18.4921



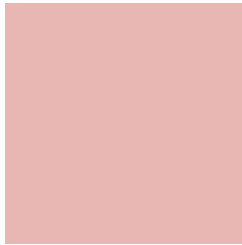
22.1232, 31.3086, 47.2603



1.6567, 2.3573, 3.4997

Previews

White Background



This preview shows how the XYZ color 58.4504, 54.3181, 50.5838 looks on a white background.

Color Contrast Check

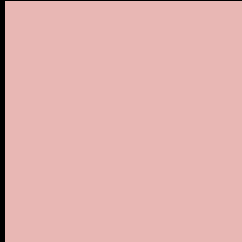
Large Text (above 18pt) WCAG AA × Fail

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 58.4504, 54.3181, 50.5838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

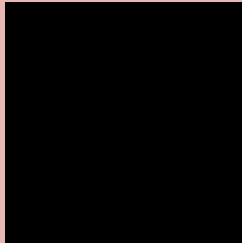
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4504, 54.3181, 50.5838

Background



This preview shows how black text looks on a background with the XYZ color 58.4504, 54.3181, 50.5838.



This preview shows how white text looks on a background with the XYZ color 58.4504, 54.3181,

50.5838.

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

58.4504, 54.3181, 50.5838

Protanopia

51.9741, 54.4081, 54.2169

Deuteranopia

55.6351, 54.4368, 50.2229



Tritanopia

60.3059, 54.4803, 58.9670

Trichromacy



Original Color

58.4504, 54.3181, 50.5838

Protanomaly

54.2166, 54.2847, 52.9679

Deuteranomaly

56.4361, 54.2198, 50.1388

Tritanomaly

59.6265, 54.4972, 56.0916

Monochromacy



Original Color

58.4504, 54.3181, 50.5838

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.8319, 55.1625, 57.0477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4504, 54.3181, 50.5838 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, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(232, 183, 180)  
}
```

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, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 183, 180) }
```

Border

The CSS property to change the border of an element to XYZ 58.4504, 54.3181, 50.5838 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, 183, 180) }
```


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

```
.border{ border-color:rgb(232, 183, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(232, 183,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4504, 54.3181, 50.5838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 183, 180) }
```

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

```
.background{ background-color: rgb(232,  
183, 180) }
```

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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