

Converting Colors

XYZ(58.4312, 58.5434, 48.2647)

Have a look what the booklet for
XYZ(58.4312, 58.5434, 48.2647)
contains.

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Color

**XYZ(58.4312, 58.5434,
48.2647)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C4AE
RGB	225, 196, 174
RGB Percent	88%, 77%, 68%
CMY	0.1176, 0.2314, 0.3176
CMYK	0.00, 0.13, 0.23, 0.12
HSL	26°, 46%, 78%
HSV	26°, 23%, 88%
XYZ	58.4312, 58.5434, 48.2647
YIQ	202.1630, 24.3460, -0.6940

Conversions

Conversions Part 2

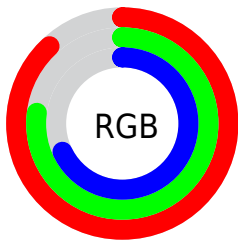
Format	Color
RYB	225, 213, 174
Decimal	14795950
CIELab	81.04, 6.87, 14.82
CIElCh	81, 16.332, 65.121
Yxy	58.5434, 0.3536, 0.3543
Android (android.graphics.Color)	4292986030 (0xFFE1C4AE)
YUV	202.1630, -13.8844, 20.0280
Hunter-Lab	76.5137, 2.4162, 16.1595

Details

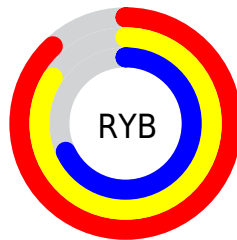
The XYZ color **58.4312, 58.5434, 48.2647** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.4015, 57.1451, 79.5026**, and the grayscale version is **56.3154, 59.2481, 64.5212**.

A 20% lighter version of the original color is **90.6482, 97.2237, 88.8513**, and **29.5480, 29.1862, 22.4885** is the 20% darker color. If you saturate the color by 10%, you get **53.6557, 52.2134, 36.7424**, and if you desaturate by 10%, it is **63.8233, 65.5177, 61.8067**.

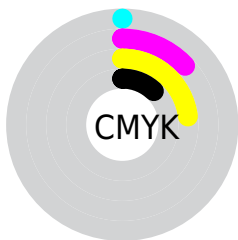
Distribution



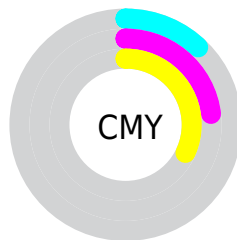
- Red (88%)
- Green (77%)
- Blue (68%)



- Red (88%)
- Yellow (84%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (12%)





- Cyan (12%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4312, 58.5434, 48.2647 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 58.4312, 58.5434, 48.2647 by changing the saturation by 10% instead.


 58.4312, 58.5434,
48.2647

 58.4312, 58.5434,
48.2647


408.7188,
419.2077, 396.3793

 42.4000, 42.2457,
33.6751


 101.6699,
102.7138, 88.9680

 29.6071, 29.2937,
22.3688


129.6081,
131.3552, 115.9188

 19.6872, 19.3031,
13.9272


162.2460,
164.8799, 147.8271

 12.2748, 11.8895,
7.9319

199.9490,
203.6724, 185.1113

 7.0046, 6.6685,
3.9642

243.0824,
248.1171, 228.1902

 3.5114, 3.2557,
1.6057

292.0116,

 1.4296, 1.2666,

298.5982, 277.4821

0.2949

347.1019,
355.5003, 333.4056

■ 0.2772, 0.1151,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4312, 58.5434,
48.2647

■ 58.4312, 58.5434,
48.2647

■ 53.6557, 52.2134,
36.7424

■ 63.8233, 65.5177,
61.8067

■ 49.4678, 46.5004,
27.1376

■ 69.8503, 73.1471,
77.4562

■ 45.8429, 41.3862,
19.3449

■ 76.5353, 81.4518,
95.3003

■ 42.7523, 36.8489,
13.2470

■ 82.4154, 89.8555,
107.6078

■ 40.1647, 32.8648,
8.7126

■ 84.8614, 94.7476,
108.4232

■ 38.0447, 29.4081,
5.5907

■ 36.3504, 26.4499,
3.6995

■ 35.3335, 24.5717,
2.8805

Harmonies

Analogous

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



61.1471, 58.5434, 53.5966



58.4312, 58.5434, 48.2647



55.0640, 58.5434, 46.9005

Triad

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



58.4312, 58.5434, 48.2647



49.4010, 58.5434, 65.4244



59.4784, 58.5434, 80.2638

Complementary

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



58.4312, 58.5434, 48.2647



52.4015, 57.1451, 79.5026

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.



56.2275, 58.5434, 84.2024



58.4312, 58.5434, 48.2647



50.4809, 58.5434, 75.0972

Square

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



58.4312, 58.5434, 48.2647



49.9377, 58.5434, 56.2086



52.9464, 58.5434, 82.2222



61.7687, 58.5434, 71.9241

Rectangle

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



58.4312, 58.5434, 48.2647



52.9223, 58.5434, 48.2923



52.9464, 58.5434, 82.2222



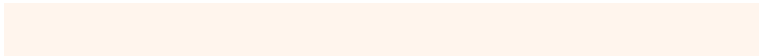
58.4569, 58.5434, 82.1829

Sweetspot

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



58.4328, 58.5461, 48.2659



89.1555, 92.5983, 93.4100



57.0570, 50.6279, 63.7351



18.9785, 19.6877, 19.7221



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.



58.4328, 58.5461, 48.2659



74.6380, 73.8497, 56.8586



64.4822, 70.6448, 50.2824



14.1912, 14.6683, 14.3901



20.4719, 14.3816, 1.6969



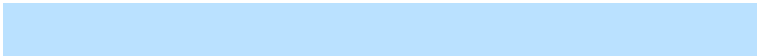
1.5067, 1.1722, 0.1468

Inverse Universe

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



52.4015, 57.1451, 79.5026



65.3408, 71.6872, 105.0009



47.0170, 46.3760, 77.7078



13.5956, 14.5303, 17.4757



12.3919, 12.2534, 42.7604



0.9474, 1.0263, 2.9934

Previews

White Background



This preview shows how the XYZ color 58.4312, 58.5434, 48.2647 looks on a white background.

Color Contrast Check

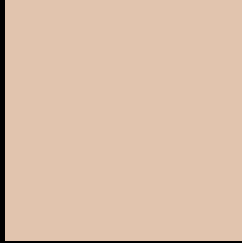
Large Text (above 18pt) WCAG AA × Fail

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 58.4312, 58.5434, 48.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

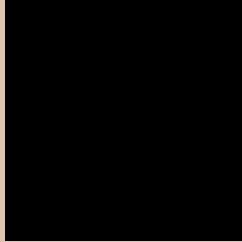
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4312, 58.5434, 48.2647

Background



This preview shows how black text looks on a background with the XYZ color 58.4312, 58.5434, 48.2647.



This preview shows how white text looks on a background with the XYZ color 58.4312, 58.5434,

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

58.4312, 58.5434, 48.2647

Protanopia

55.5871, 58.7568, 49.4857

Deuteranopia

59.5649, 58.4626, 48.1894



Tritanopia

62.0845, 58.3758, 66.3880

Trichromacy



Original Color

58.4312, 58.5434, 48.2647

Protanomaly

56.4802, 58.5409, 48.8801

Deuteranomaly

59.1500, 58.5802, 48.2340

Tritanomaly

60.8025, 58.5290, 59.1315

Monochromacy



Original Color

58.4312, 58.5434, 48.2647

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7470, 58.8160, 58.2309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4312, 58.5434, 48.2647 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(225, 196, 174)` looks like.

```
.text, #text, p{  
    color:rgb(225, 196, 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(225, 196, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 174) }
```

Border

The CSS property to change the border of an element to XYZ 58.4312, 58.5434, 48.2647 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(225, 196, 174) }
```


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

```
.border{ border-color:rgb(225, 196, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 196, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 196, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 196, 174);  
box-shadow:4px 4px 4px 4px rgb(225, 196,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4312, 58.5434, 48.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 174) }
```

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

```
.background{ background-color: rgb(225,  
196, 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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