

Converting Colors

XYZ(58.1191, 58.1650, 42.8141)

Have a look what the booklet for
XYZ(58.1191, 58.1650, 42.8141)
contains.

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Color

**XYZ(58.1209, 58.1685,
42.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C3A3
RGB	228, 195, 163
RGB Percent	89%, 76%, 64%
CMY	0.1059, 0.2353, 0.3608
CMYK	0.00, 0.14, 0.29, 0.11
HSL	30°, 55%, 77%
HSV	30°, 29%, 89%
XYZ	58.1209, 58.1685, 42.8147
YIQ	201.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

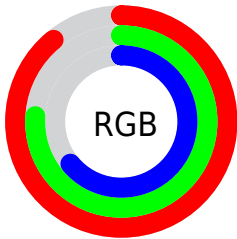
Format	Color
R_{YB}	228, 226, 163
Decimal	14992291
CIE _{Lab}	80.83, 7.01, 20.43
CIE _{LCh}	81, 21.599, 71.056
Yxy	58.1685, 0.3653, 0.3656
Android (android.graphics.Color)	4293182371 (0xFFE4C3A3)
YUV	201.2190, -18.8420, 23.4869
Hunter-Lab	76.2683, 2.5580, 20.1042

Details

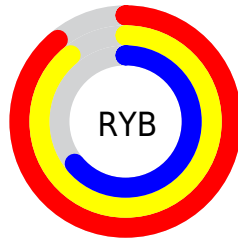
The XYZ color **58.1209, 58.1685, 42.8147** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.8474, 52.8665, 81.0288**, and the grayscale version is **55.7547, 58.6582, 63.8788**.

A 20% lighter version of the original color is **88.7053, 95.9428, 80.1732**, and **29.4074, 28.9681, 19.0804** is the 20% darker color. If you saturate the color by 10%, you get **53.7662, 52.4388, 32.1769**, and if you desaturate by 10%, it is **63.0480, 64.4529, 55.4616**.

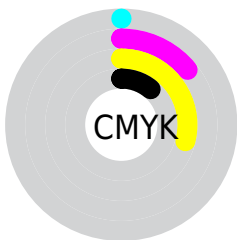
Distribution



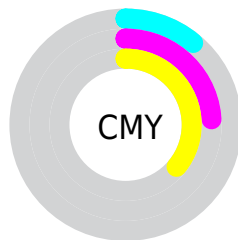
- Red (89%)
- Green (76%)
- Blue (64%)



- Red (89%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1209, 58.1685, 42.8147 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 58.1209, 58.1685, 42.8147 by changing the saturation by 10% instead.


 58.1209, 58.1685,
42.8147


 58.1209, 58.1685,
42.8147

407.5829,
417.8135, 373.7480

 42.1495, 41.9441,
29.4094


 101.2209,
102.1682, 80.7145

 29.4100, 29.0575,
19.1425


 129.0801,
130.7123, 106.0461

 19.5370, 19.1244,
11.5955


161.6327,
164.1318, 136.1903

 12.1653, 11.7602,
6.3497

199.2439,
202.8110, 171.5655

 6.9293, 6.5806,
2.9866

242.2792,
247.1344, 212.5904

 3.4639, 3.2012,
1.0878

291.1039,

 1.4036, 1.2377,

297.4864, 259.6834

0.0000

346.0834,
354.2513, 313.2630

■ 0.2588, 0.0921,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1209, 58.1685,
42.8147

■ 58.1209, 58.1685,
42.8147

■ 53.7662, 52.4388,
32.1769

■ 63.0480, 64.4529,
55.4616

■ 49.9551, 47.2389,
23.4388

■ 68.5656, 71.3001,
70.2119

■ 46.6627, 42.5533,
16.4860

■ 74.6966, 78.7281,
87.1583

■ 43.8599, 38.3627,
11.1901

■ 81.4612, 86.7516,
106.3868

■ 41.5145, 34.6460,
7.4052

■ 85.1308, 93.8855,
108.2426

■ 39.5888, 31.3796,
4.9594

■ 85.8050, 95.2341,
108.4673

■ 38.0297, 28.5336,
3.6008

■ 37.8182, 28.1403,
3.4384

Harmonies

Analogous

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



62.0154, 58.1685, 48.5237



58.1209, 58.1685, 42.8147



53.6577, 58.1685, 42.1441

Triad

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



58.1209, 58.1685, 42.8147



47.2843, 58.1685, 68.1675



61.1185, 58.1685, 83.7385

Complementary

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



58.1209, 58.1685, 42.8147



48.8474, 52.8665, 81.0288

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.



56.9498, 58.1685, 90.6533



58.1209, 58.1685, 42.8147



49.0645, 58.1685, 80.8912

Square

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



58.1209, 58.1685, 42.8147



47.5601, 58.1685, 55.6860



52.5475, 58.1685, 89.5463



63.8094, 58.1685, 71.6555

Rectangle

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



58.1209, 58.1685, 42.8147



50.9768, 58.1685, 44.5254



52.5475, 58.1685, 89.5463



59.8345, 58.1685, 86.8133

Sweetspot

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



58.1224, 58.1712, 42.8159



87.9680, 91.3999, 89.3867



55.1230, 46.7012, 58.6829



18.5968, 19.2782, 18.5043



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.



58.1224, 58.1712, 42.8159



71.6274, 70.6815, 47.0602



66.0525, 74.0313, 45.4593



14.9601, 15.5340, 15.1143



21.9557, 16.4855, 2.0248



1.7153, 1.4038, 0.1806

Inverse Universe

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



48.8474, 52.8665, 81.0288



57.8837, 62.8204, 103.6825



42.3989, 39.9695, 78.8793



14.1846, 15.0905, 18.3095



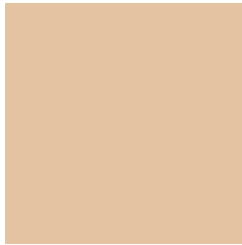
11.7941, 10.6503, 43.8173



0.9645, 0.9729, 3.2689

Previews

White Background



This preview shows how the XYZ color 58.1209, 58.1685, 42.8147 looks on a white background.

Color Contrast Check

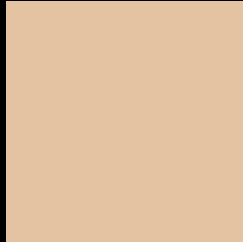
Large Text (above 18pt) WCAG AA × Fail

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 58.1209, 58.1685, 42.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

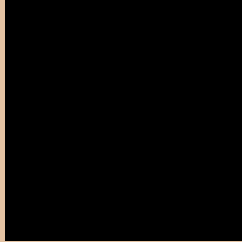
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1209, 58.1685, 42.8147

Background



This preview shows how black text looks on a background with the XYZ color 58.1209, 58.1685, 42.8147.



This preview shows how white text looks on a background with the XYZ color 58.1209, 58.1685,

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

58.1209, 58.1685, 42.8147

Protanopia

54.6886, 58.0588, 44.4005

Deuteranopia

59.2851, 58.1079, 42.7416



Tritanopia

62.7010, 58.0785, 65.0323

Trichromacy



Original Color

58.1209, 58.1685, 42.8147

Protanomaly

55.8991, 58.0102, 43.8482

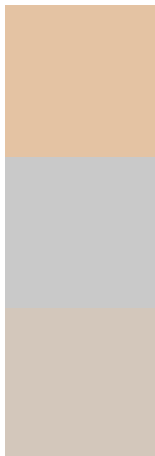
Deuteranomaly

58.8576, 58.2168, 42.7852

Tritanomaly

60.7711, 57.9247, 56.1217

Monochromacy



Original Color

58.1209, 58.1685, 42.8147

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.2570, 58.2836, 55.2985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1209, 58.1685, 42.8147 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(228, 195, 163)` looks like.

```
.text, #text, p{  
    color:rgb(228, 195, 163)  
}
```

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(228, 195, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 195, 163) }
```

Border

The CSS property to change the border of an element to XYZ 58.1209, 58.1685, 42.8147 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(228, 195, 163) }
```


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

```
.border{ border-color:rgb(228, 195, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 195, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 195, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 195, 163);  
box-shadow:4px 4px 4px 4px rgb(228, 195,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1209, 58.1685, 42.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 195, 163) }
```

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

```
.background{ background-color: rgb(228,  
195, 163) }
```

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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