

Converting Colors

XYZ(57.8751, 57.6682, 40.1177)

Have a look what the booklet for
XYZ(57.8751, 57.6682, 40.1177)
contains.

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Color

**XYZ(58.0107, 57.8409,
40.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C29D
RGB	230, 194, 157
RGB Percent	90%, 76%, 62%
CMY	0.0980, 0.2392, 0.3843
CMYK	0.00, 0.16, 0.32, 0.10
HSL	30°, 59%, 76%
HSV	30°, 32%, 90%
XYZ	58.0107, 57.8409, 40.0052
YIQ	200.5460, 33.3330, -3.8750

Conversions

Conversions Part 2

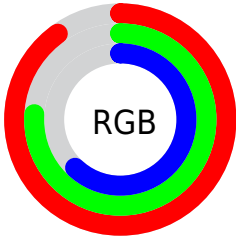
Format	Color
R _Y B	228, 230, 157
Decimal	15123101
CIE Lab	80.65, 7.53, 23.39
CIE LCh	81, 24.574, 72.160
Yxy	57.8409, 0.3722, 0.3711
Android (android.graphics.Color)	4293313181 (0xFFE6C29D)
YUV	200.5460, -21.4682, 25.8312
Hunter-Lab	76.0532, 3.0604, 22.0498

Details

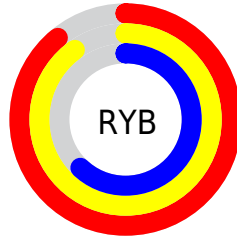
The XYZ color **58.0107, 57.8409, 40.0052** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.2569, 51.0195, 82.2200**, and the grayscale version is **55.3518, 58.2344, 63.4172**.

A 20% lighter version of the original color is **87.3093, 94.3847, 75.9037**, and **29.1615, 28.6603, 17.3596** is the 20% darker color. If you saturate the color by 10%, you get **53.8008, 52.2732, 29.8090**, and if you desaturate by 10%, it is **62.7859, 63.9471, 52.2148**.

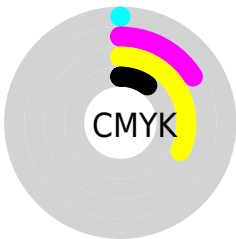
Distribution



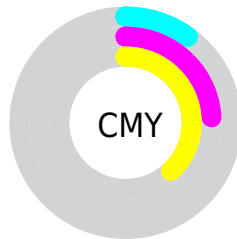
- Red (90%)
- Green (76%)
- Blue (62%)



- Red (89%)
- Yellow (90%)
- Blue (62%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0107, 57.8409, 40.0052 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 58.0107, 57.8409, 40.0052 by changing the saturation by 10% instead.


 58.0107, 57.8409,
40.0052


 58.0107, 57.8409,
40.0052


407.1790,
416.5928, 361.6982

 42.0605, 41.6808,
27.2288


 101.0613,
101.6911, 76.4086

 29.3400, 28.8514,
17.5112


 128.8925,
130.1500, 100.8727

 19.4838, 18.9684,
10.4338


161.4147,
163.4773, 130.0697

 12.1264, 11.6475,
5.5782

198.9933,
202.0573, 164.4182

 6.9027, 6.5041,
2.5257

241.9937,
246.2744, 204.3368

 3.4471, 3.1540,
0.8537

290.7812,

 1.3944, 1.2126,

296.5132, 250.2440

0.0000

345.7212,
353.1578, 302.5583

■ 0.2522, 0.0720,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0107, 57.8409,
40.0052

■ 58.0107, 57.8409,
40.0052

■ 53.8008, 52.2732,
29.8090

■ 62.7859, 63.9471,
52.2148

■ 50.1267, 47.2192,
21.5116

■ 68.1453, 70.5997,
66.5364

■ 46.9626, 42.6634,
14.9925

■ 74.1121, 77.8166,
83.0667

■ 44.2783, 38.5866,
10.1155

■ 80.7071, 85.6122,
101.8950

■ 42.0397, 34.9673,
6.7243

■ 85.0899, 92.8565,
108.0461

■ 40.2065, 31.7817,
4.6315

■ 86.4432, 95.5630,
108.4972

■ 38.9469, 29.4505,
3.6318

Harmonies

Analogous

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



62.5076, 57.8409, 46.0675



58.0107, 57.8409, 40.0052



52.9521, 57.8409, 39.4795

Triad

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



58.0107, 57.8409, 40.0052



46.0034, 57.8409, 69.0322



61.7680, 57.8409, 85.9726

Complementary

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



58.0107, 57.8409, 40.0052



47.2569, 51.0195, 82.2200

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.



57.0509, 57.8409, 94.3314



58.0107, 57.8409, 40.0052



48.0751, 57.8409, 83.5925

Square

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



58.0107, 57.8409, 40.0052



46.2254, 57.8409, 54.8229



52.0491, 57.8409, 93.3991



64.7668, 57.8409, 71.9062

Rectangle

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



58.0107, 57.8409, 40.0052



49.9584, 57.8409, 42.2137



52.0491, 57.8409, 93.3991



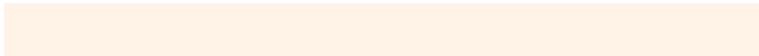
60.3188, 57.8409, 89.6335

Sweetspot

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



58.0122, 57.8436, 40.0064



87.3320, 90.7035, 87.3999



54.3720, 44.8102, 56.5290



18.4740, 19.1472, 18.1098



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.



58.0122, 57.8436, 40.0064



69.7864, 68.4646, 41.9297



67.0159, 75.8511, 43.0076



14.9779, 15.5696, 15.1203



22.1722, 16.9186, 2.0970



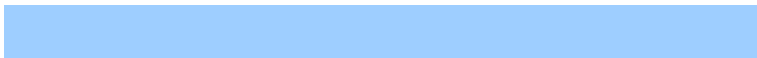
1.7314, 1.4361, 0.1859

Inverse Universe

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



47.2569, 51.0195, 82.2200



54.2126, 58.5839, 103.0583



40.2451, 36.9959, 79.8827



14.1668, 15.0549, 18.3036



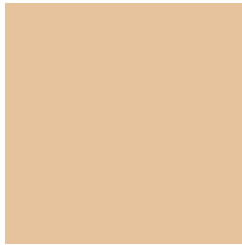
11.5772, 10.2164, 43.7450



0.9483, 0.9406, 3.2635

Previews

White Background



This preview shows how the XYZ color 58.0107, 57.8409, 40.0052 looks on a white background.

Color Contrast Check

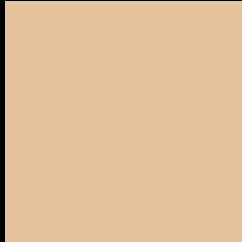
Large Text (above 18pt) WCAG AA × Fail

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 58.0107, 57.8409, 40.0052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

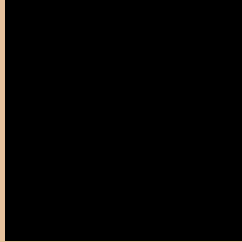
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0107, 57.8409, 40.0052

Background



This preview shows how black text looks on a background with the XYZ color 58.0107, 57.8409, 40.0052.



This preview shows how white text looks on a background with the XYZ color 58.0107, 57.8409,

40.0052.

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

58.0107, 57.8409, 40.0052

Protanopia

54.4400, 57.9928, 41.5821

Deuteranopia

58.8671, 57.6260, 39.9186



Tritanopia

62.9048, 57.8929, 63.7361

Trichromacy



Original Color

58.0107, 57.8409, 40.0052

Protanomaly

55.6655, 57.9514, 41.0527

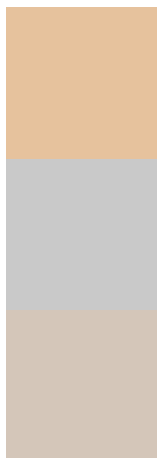
Deuteranomaly

58.7600, 57.8979, 39.9767

Tritanomaly

60.8807, 57.6957, 54.3820

Monochromacy



Original Color

58.0107, 57.8409, 40.0052

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.1024, 57.8880, 54.1155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0107, 57.8409, 40.0052 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(230, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(230, 194, 157)  
}
```

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(230, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 194, 157) }
```

Border

The CSS property to change the border of an element to XYZ 58.0107, 57.8409, 40.0052 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(230, 194, 157) }
```


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

```
.border{ border-color:rgb(230, 194, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(230, 194,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0107, 57.8409, 40.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 194, 157) }
```

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

```
.background{ background-color: rgb(230,  
194, 157) }
```

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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