

Converting Colors

XYZ(58.7378, 61.2286, 39.9538)

Have a look what the booklet for
XYZ(58.7378, 61.2286, 39.9538)
contains.

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Color

**XYZ(58.7207, 61.2809,
40.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CB9C
RGB	226, 203, 156
RGB Percent	89%, 80%, 61%
CMY	0.1137, 0.2039, 0.3882
CMYK	0.00, 0.10, 0.31, 0.11
HSL	40°, 55%, 75%
HSV	40°, 31%, 89%
XYZ	58.7207, 61.2809, 40.1860
YIQ	204.5190, 28.7950, -9.7410

Conversions

Conversions Part 2

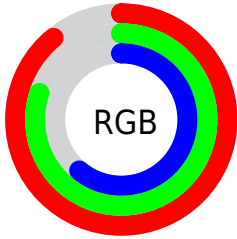
Format	Color
R _Y B	190, 226, 156
Decimal	14863260
CIE Lab	82.53, 1.15, 26.42
CIE LCh	83, 26.442, 87.504
Yxy	61.2809, 0.3666, 0.3826
Android (android.graphics.Color)	4293053340 (0xFFE2CB9C)
YUV	204.5190, -23.9199, 18.8388
Hunter-Lab	78.2821, -3.0979, 24.3611

Details

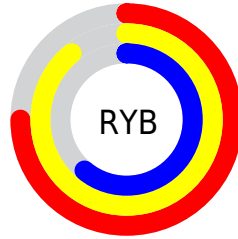
The XYZ color **58.7207, 61.2809, 40.1860** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.5575, 44.7978, 78.3027**, and the grayscale version is **57.8584, 60.8715, 66.2891**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **29.8237, 31.0404, 17.5162** is the 20% darker color. If you saturate the color by 10%, you get **55.2712, 57.1647, 30.4569**, and if you desaturate by 10%, it is **62.6134, 65.7131, 51.8208**.

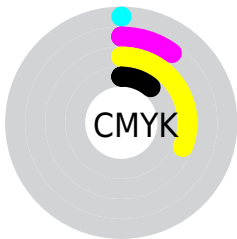
Distribution



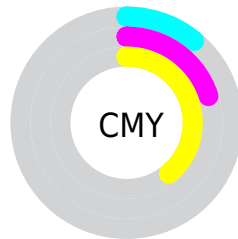
- Red (89%)
- Green (80%)
- Blue (61%)



- Red (75%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (31%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7207, 61.2809, 40.1860 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 58.7207, 61.2809, 40.1860 by changing the saturation by 10% instead.

■ 58.7207, 61.2809,
40.1860

■ 58.7207, 61.2809,
40.1860

409.7768,
429.3032, 362.4823

■ 42.6338, 44.4519,
27.3687

■ 102.0886,
106.6856, 76.6868

■ 29.7912, 31.0259,
17.6154

■ 130.1003,
136.0300, 101.2075

■ 19.8274, 20.6186,
10.5077

162.8177,
170.3150, 130.4663

■ 12.3772, 12.8455,
5.6269

200.6060,
209.9251, 164.8819

■ 7.0751, 7.3222,
2.5545

243.8308,
255.2445, 204.8727

■ 3.5559, 3.6644,
0.8688

292.8573,

■ 1.4541, 1.4877,

306.6578, 250.8574

0.0000

348.0508,
364.5492, 303.2544

■ 0.2943, 0.2800,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7207, 61.2809,
40.1860

■ 58.7207, 61.2809,
40.1860

■ 55.2712, 57.1647,
30.4569

■ 62.6134, 65.7131,
51.8208

■ 52.2393, 53.3459,
22.5253


■ 66.9640, 70.4624,
65.4542


■ 49.6036, 49.8161,
16.2775


■ 71.7922, 75.5407,
81.1772


■ 47.3387, 46.5633,
11.5855


■ 77.1151, 80.9566,
99.0744


 45.4155, 43.5739,
8.3026


 80.6113, 85.7833,
106.9169

 43.7996, 40.8320,
6.2536

 82.8434, 90.2474,
107.6609

 42.5532, 38.5471,
5.1975

 85.1659, 94.8925,
108.4351

 85.1741, 94.9088,
108.4378

Harmonies

Analogous

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



64.2882, 61.2809, 43.7441



58.7207, 61.2809, 40.1860



53.3645, 61.2809, 42.7282

Triad

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



58.7207, 61.2809, 40.1860



49.1190, 61.2809, 82.1727



67.9120, 61.2809, 84.9024

Complementary

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



58.7207, 61.2809, 40.1860



43.5575, 44.7978, 78.3027

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.



63.4158, 61.2809, 98.3518



58.7207, 61.2809, 40.1860



52.5942, 61.2809, 96.6049

Square

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



58.7207, 61.2809, 40.1860



48.0387, 61.2809, 65.3769



57.7732, 61.2809, 102.9442



69.8048, 61.2809, 68.0905

Rectangle

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



58.7207, 61.2809, 40.1860



50.5866, 61.2809, 47.8119



57.7732, 61.2809, 102.9442



66.6412, 61.2809, 90.0635

Sweetspot

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



58.7223, 61.2837, 40.1873



89.2145, 93.8928, 89.8022



51.4234, 43.2146, 48.4564



18.9042, 19.8928, 18.6067



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.



58.7223, 61.2837, 40.1873



74.2995, 77.1354, 44.5292



61.0264, 71.1396, 41.9682



14.4725, 15.2310, 14.4839



24.3893, 22.2166, 3.0028



1.7713, 1.7014, 0.2350

Inverse Universe

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



43.5575, 44.7978, 78.3027



51.4491, 52.3039, 101.9917



41.6942, 37.5570, 77.0033



13.3180, 13.9751, 17.3832



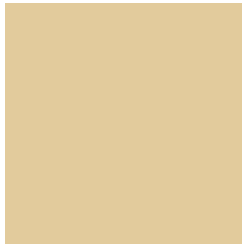
9.3345, 6.1386, 41.7412



0.7269, 0.5852, 2.9199

Previews

White Background



This preview shows how the XYZ color 58.7207, 61.2809, 40.1860 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 58.7207, 61.2809, 40.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

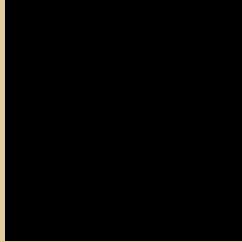
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7207, 61.2809, 40.1860

Background



This preview shows how black text looks on a background with the XYZ color 58.7207, 61.2809, 40.1860.



This preview shows how white text looks on a background with the XYZ color 58.7207, 61.2809,

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

58.7207, 61.2809, 40.1860

Protanopia

57.4323, 61.3126, 40.7058

Deuteranopia

62.3277, 61.0676, 40.4005



Tritanopia

64.7765, 61.3388, 70.0535

Trichromacy



Original Color

58.7207, 61.2809, 40.1860

Protanomaly

57.8029, 61.1496, 40.6548

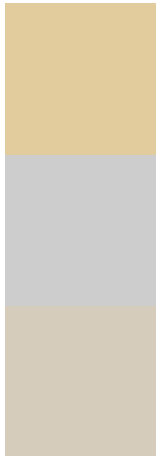
Deuteranomaly

61.1013, 61.1140, 40.4741

Tritanomaly

62.4605, 61.4314, 57.8556

Monochromacy



Original Color

58.7207, 61.2809, 40.1860

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0031, 60.9197, 55.7153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7207, 61.2809, 40.1860 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(226, 203, 156)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 156)  
}
```

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(226, 203, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 156) }
```

Border

The CSS property to change the border of an element to XYZ 58.7207, 61.2809, 40.1860 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(226, 203, 156) }
```


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

```
.border{ border-color:rgb(226, 203, 156) }
```

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

Here you see how a box with a 4 pixel rgb(226, 203, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 203, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 203, 156);  
box-shadow:4px 4px 4px 4px rgb(226, 203,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7207, 61.2809, 40.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 203, 156) }
```

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

```
.background{ background-color: rgb(226,  
203, 156) }
```

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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