

Converting Colors

XYZ(58.7742, 61.3392, 40.4473)

Have a look what the booklet for
XYZ(58.7742, 61.3392, 40.4473)
contains.

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Color

**XYZ(58.8058, 61.3149,
40.6339)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CB9D
RGB	226, 203, 157
RGB Percent	89%, 80%, 62%
CMY	0.1137, 0.2039, 0.3843
CMYK	0.00, 0.10, 0.31, 0.11
HSL	40°, 54%, 75%
HSV	40°, 31%, 89%
XYZ	58.8058, 61.3149, 40.6339
YIQ	204.6330, 28.4740, -9.4300

Conversions

Conversions Part 2

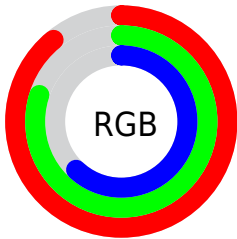
Format	Color
RYB	192, 226, 157
Decimal	14863261
CIELab	82.55, 1.28, 25.92
CIELCh	83, 25.949, 87.176
Yxy	61.3149, 0.3658, 0.3814
Android (android.graphics.Color)	4293053341 (0xFFE2CB9D)
YUV	204.6330, -23.4831, 18.7389
Hunter-Lab	78.3038, -2.9791, 24.0456

Details

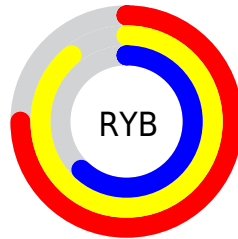
The XYZ color **58.8058, 61.3149, 40.6339** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.9531, 45.3005, 78.3791**, and the grayscale version is **57.9282, 60.9450, 66.3691**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **29.8748, 31.0609, 17.7854** is the 20% darker color. If you saturate the color by 10%, you get **55.3168, 57.1441, 30.8159**, and if you desaturate by 10%, it is **62.7414, 65.8069, 52.3629**.

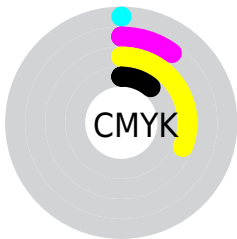
Distribution



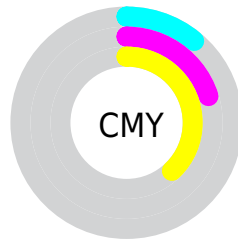
- Red (89%)
- Green (80%)
- Blue (62%)



- Red (75%)
- Yellow (89%)
- Blue (62%)



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





- Cyan (11%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8058, 61.3149, 40.6339 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 58.8058, 61.3149, 40.6339 by changing the saturation by 10% instead.


 58.8058, 61.3149,
40.6339


 58.8058, 61.3149,
40.6339


410.0875,
429.4277, 364.4194

 42.7026, 44.4794,
27.7156


 102.2116,
106.7348, 77.3754

 29.8453, 31.0475,
17.8742


 130.2449,
136.0879, 102.0358

 19.8687, 20.6350,
10.6912


162.9856,
170.3823, 131.4472

 12.4074, 12.8575,
5.7480


200.7990,
210.0024, 166.0282

 7.0959, 7.3305,
2.6262

244.0506,
255.3326, 206.1974

 3.5690, 3.6696,
0.9059

293.1056,

 1.4613, 1.4905,

306.7572, 252.3733

0.0000

348.3295,
364.6608, 304.9745

■ 0.2993, 0.2821,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8058, 61.3149,
40.6339

■ 58.8058, 61.3149,
40.6339

■ 55.3168, 57.1441,
30.8159

■ 62.7414, 65.8069,
52.3629

■ 52.2486, 53.2759,
22.8009

■ 67.1381, 70.6214,
66.0953

■ 49.5800, 49.7018,
16.4760

■ 72.0158, 75.7702,
81.9221

■ 47.2856, 46.4098,
11.7135

■ 77.3913, 81.2621,
99.9276

■ 45.3365, 43.3861,
8.3679

■ 80.7703, 86.1011,
106.9699

■ 43.6985, 40.6150,
6.2655

■ 83.0420, 90.6445,
107.7271

■ 42.3797, 38.1999,
5.1397

■ 85.1742, 94.9088,
108.4378

Harmonies

Analogous

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



64.2613, 61.3149, 44.2150



58.8058, 61.3149, 40.6339



53.5348, 61.3149, 43.0798

Triad

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



58.8058, 61.3149, 40.6339



49.2836, 61.3149, 81.7288



67.7218, 61.3149, 84.7526

Complementary

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



58.8058, 61.3149, 40.6339



43.9531, 45.3005, 78.3791

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.



63.2933, 61.3149, 97.8373



58.8058, 61.3149, 40.6339



52.6781, 61.3149, 95.9056

Square

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



58.8058, 61.3149, 40.6339



48.2482, 61.3149, 65.2657



57.7533, 61.3149, 102.2093



69.6095, 61.3149, 68.2800

Rectangle

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



58.8058, 61.3149, 40.6339



50.7902, 61.3149, 48.0531



57.7533, 61.3149, 102.2093



66.4677, 61.3149, 89.7869

Sweetspot

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



58.8074, 61.3177, 40.6352



89.1810, 93.8258, 89.7910



51.6598, 43.5788, 48.8695



18.8959, 19.8763, 18.6039



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.



58.8074, 61.3177, 40.6352



74.1788, 76.8940, 44.4890



61.1603, 71.1989, 42.4184



14.4668, 15.2196, 14.4820



24.2909, 22.0197, 2.9700



1.7650, 1.6888, 0.2329

Inverse Universe

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



43.9531, 45.3005, 78.3791



51.5477, 52.5012, 102.0246



42.0403, 37.9856, 77.0680



13.3234, 13.9859, 17.3850



9.3770, 6.2235, 41.7554



0.7303, 0.5921, 2.9210

Previews

White Background



This preview shows how the XYZ color 58.8058, 61.3149, 40.6339 looks on a white background.

Color Contrast Check

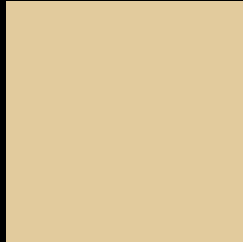
Large Text (above 18pt) WCAG AA × Fail

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 58.8058, 61.3149, 40.6339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

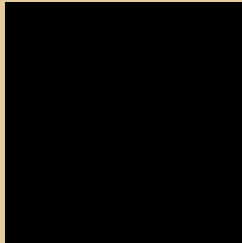
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8058, 61.3149, 40.6339

Background



This preview shows how black text looks on a background with the XYZ color 58.8058, 61.3149, 40.6339.



This preview shows how white text looks on a background with the XYZ color 58.8058, 61.3149,

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

58.8058, 61.3149, 40.6339

Protanopia

57.2163, 61.1913, 41.1432

Deuteranopia

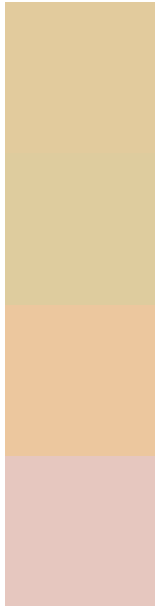
62.4134, 61.1019, 40.8521



Tritanopia

64.7765, 61.3388, 70.0535

Trichromacy



Original Color

58.8058, 61.3149, 40.6339

Protanomaly

57.8886, 61.1839, 41.1064

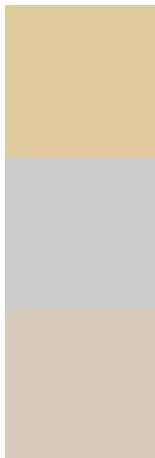
Deuteranomaly

61.1871, 61.1483, 40.9257

Tritanomaly

62.4605, 61.4314, 57.8556

Monochromacy



Original Color

58.8058, 61.3149, 40.6339

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1105, 60.9627, 56.2812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8058, 61.3149, 40.6339 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 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(226, 203, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 157) }
```

Border

The CSS property to change the border of an element to XYZ 58.8058, 61.3149, 40.6339 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, 157) }
```


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

```
.border{ border-color:rgb(226, 203, 157) }
```

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, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 203, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 203, 157);  
box-shadow:4px 4px 4px 4px rgb(226, 203,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8058, 61.3149, 40.6339 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, 157) }
```

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

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