

Converting Colors

XYZ(58.6720, 60.8400, 37.0532)

Have a look what the booklet for
XYZ(58.6720, 60.8400, 37.0532)
contains.

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Color

**XYZ(58.8584, 61.0690,
37.1191)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CA95
RGB	229, 202, 149
RGB Percent	90%, 79%, 58%
CMY	0.1020, 0.2078, 0.4157
CMYK	0.00, 0.12, 0.35, 0.10
HSL	40°, 61%, 74%
HSV	40°, 35%, 90%
XYZ	58.8584, 61.0690, 37.1191
YIQ	204.0310, 33.1050, -10.7590

Conversions

Conversions Part 2

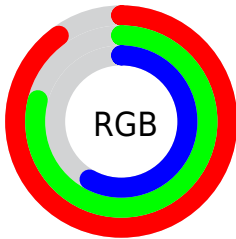
Format	Color
R _Y B	190, 229, 149
Decimal	15059605
CIE Lab	82.42, 1.97, 29.97
CIE LCh	82, 30.033, 86.231
Yxy	61.0690, 0.3748, 0.3889
Android (android.graphics.Color)	4293249685 (0xFFE5CA95)
YUV	204.0310, -27.1303, 21.8978
Hunter-Lab	78.1467, -2.3142, 26.5403

Details

The XYZ color **58.8584, 61.0690, 37.1191** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.0621, 43.0959, 80.2301**, and the grayscale version is **57.5668, 60.5648, 65.9551**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **29.8078, 30.8323, 15.9355** is the 20% darker color. If you saturate the color by 10%, you get **55.4394, 56.8747, 27.8291**, and if you desaturate by 10%, it is **62.7308, 65.5943, 48.3350**.

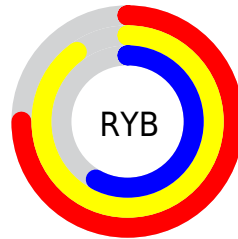
Distribution



Red (90%)

Green (79%)

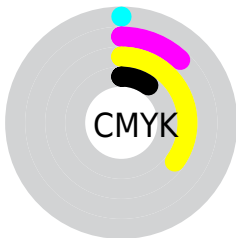
Blue (58%)



Red (75%)

Yellow (90%)

Blue (58%)

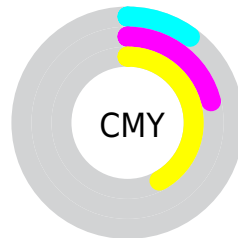


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (10%)



Cyan (10%)

Magenta (21%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8584, 61.0690, 37.1191 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 58.8584, 61.0690, 37.1191 by changing the saturation by 10% instead.

■ 58.8584, 61.0690,
37.1191

■ 58.8584, 61.0690,
37.1191

410.2795,
428.5270, 349.0101

■ 42.7451, 44.2809,
25.0032

■ 102.2876,
106.3788, 71.9443

■ 29.8788, 30.8914,
15.8604

■ 130.3343,
135.6693, 95.4907

■ 19.8942, 20.5161,
9.2721

163.0894,
169.8960, 123.6843

■ 12.4260, 12.7708,
4.8199

200.9183,
209.4434, 156.9437

■ 7.1088, 7.2709,
2.0851

244.1864,
254.6958, 195.6875

■ 3.5771, 3.6321,
0.6069

293.2591,

■ 1.4658, 1.4700,

306.0375, 240.3341

0.0000

348.5016,
363.8531, 291.3021

■ 0.3024, 0.2674,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8584, 61.0690,
37.1191

■ 58.8584, 61.0690,
37.1191

■ 55.4394, 56.8747,
27.8291

■ 62.7308, 65.5943,
48.3350

■ 52.4467, 52.9920,
20.3494


■ 67.0727, 70.4525,
61.5760


■ 49.8571, 49.4115,
14.5577


■ 71.9049, 75.6562,
76.9386


■ 47.6429, 46.1199,
10.3147


■ 77.2456, 81.2147,
94.5123


 45.7721, 43.1023,
7.4587

 81.7125, 86.5768,
107.0120

 44.2056, 40.3407,
5.7919

 84.0441, 91.2400,
107.7892

 43.4972, 39.0262,
5.2403

 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



65.1700, 61.0690, 41.2503



58.8584, 61.0690, 37.1191



52.7641, 61.0690, 39.5851

Triad

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



58.8584, 61.0690, 37.1191



47.6731, 61.0690, 83.3517



68.9074, 61.0690, 88.1129

Complementary

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



58.8584, 61.0690, 37.1191



42.0621, 43.0959, 80.2301

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.



63.6655, 61.0690, 103.4590



58.8584, 61.0690, 37.1191



51.4579, 61.0690, 100.3739

Square

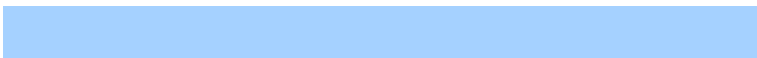
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8584, 61.0690, 37.1191



46.5914, 61.0690, 64.1998



57.2376, 61.0690, 108.3125



71.2352, 61.0690, 68.8417

Rectangle

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



58.8584, 61.0690, 37.1191



49.5891, 61.0690, 44.9385



57.2376, 61.0690, 108.3125



67.4097, 61.0690, 94.0296

Sweetspot

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



58.8599, 61.0718, 37.1204



88.5290, 93.0975, 87.7989



50.9967, 41.3279, 46.8849



18.7639, 19.7269, 18.2064



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.



58.8599, 61.0718, 37.1204



71.8726, 73.9854, 38.4680



62.0596, 72.9603, 39.2464



15.1705, 15.9550, 15.1845



24.9851, 22.5444, 3.0346



1.9313, 1.8359, 0.2526

Inverse Universe

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



42.0621, 43.0959, 80.2301



47.3933, 47.8038, 101.3369



39.5889, 34.7299, 78.7456



13.9783, 14.6780, 18.2407



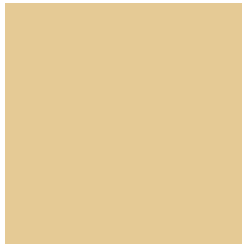
9.7142, 6.4905, 43.1240



0.8012, 0.6464, 3.2145

Previews

White Background



This preview shows how the XYZ color 58.8584, 61.0690, 37.1191 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 58.8584, 61.0690, 37.1191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

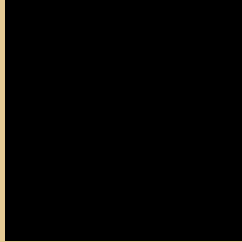
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8584, 61.0690, 37.1191

Background



This preview shows how black text looks on a background with the XYZ color 58.8584, 61.0690, 37.1191.



This preview shows how white text looks on a background with the XYZ color 58.8584, 61.0690,

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

58.8584, 61.0690, 37.1191

Protanopia

56.8515, 61.0803, 37.6474

Deuteranopia

62.4334, 61.1892, 37.3743



Tritanopia

65.3925, 61.0199, 68.6531

Trichromacy



Original Color

58.8584, 61.0690, 37.1191

Protanomaly

57.5293, 61.0757, 37.6108

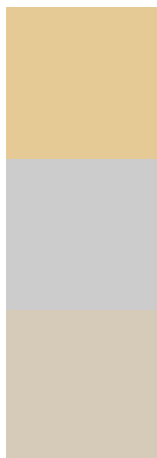
Deuteranomaly

61.1883, 61.2260, 37.4470

Tritanomaly

62.5402, 60.8440, 55.4616

Monochromacy



Original Color

58.8584, 61.0690, 37.1191

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.4482, 60.3187, 53.9622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8584, 61.0690, 37.1191 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(229, 202, 149)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 149)  
}
```

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(229, 202, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 149) }
```

Border

The CSS property to change the border of an element to XYZ 58.8584, 61.0690, 37.1191 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(229, 202, 149) }
```


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

```
.border{ border-color:rgb(229, 202, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 202, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 202, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 202, 149);  
box-shadow:4px 4px 4px 4px rgb(229, 202,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8584, 61.0690, 37.1191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 202, 149) }
```

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

```
.background{ background-color: rgb(229,  
202, 149) }
```

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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