

Converting Colors

XYZ(59.3936, 61.0537, 40.1136)

Have a look what the booklet for
XYZ(59.3936, 61.0537, 40.1136)
contains.

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Color

**XYZ(59.2005, 60.8316,
40.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C99C
RGB	229, 201, 156
RGB Percent	90%, 79%, 61%
CMY	0.1020, 0.2117, 0.3882
CMYK	0.00, 0.12, 0.32, 0.10
HSL	37°, 58%, 75%
HSV	37°, 32%, 90%
XYZ	59.2005, 60.8316, 40.0740
YIQ	204.2420, 31.1330, -8.0590

Conversions

Conversions Part 2

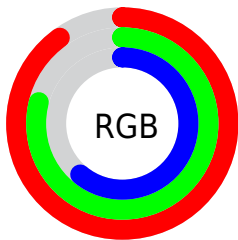
Format	Color
R _Y B	201, 229, 156
Decimal	15059356
CIE Lab	82.29, 3.35, 26.13
CIE LCh	82, 26.348, 82.698
Yxy	60.8316, 0.3698, 0.3799
Android (android.graphics.Color)	4293249436 (0xFFE5C99C)
YUV	204.2420, -23.7833, 21.7128
Hunter-Lab	77.9946, -1.0032, 24.1327

Details

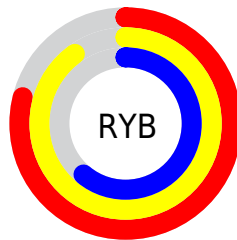
The XYZ color **59.2005, 60.8316, 40.0740** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.9933, 47.0047, 80.8303**, and the grayscale version is **57.6808, 60.6847, 66.0857**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **30.1660, 30.7511, 17.4423** is the 20% darker color. If you saturate the color by 10%, you get **55.4526, 56.1519, 30.1430**, and if you desaturate by 10%, it is **63.4342, 65.8972, 51.9719**.

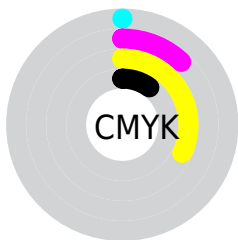
Distribution



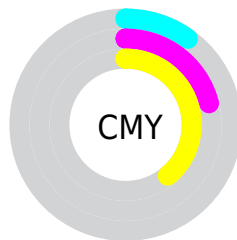
- Red (90%)
- Green (79%)
- Blue (61%)



- Red (79%)
- Yellow (90%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2005, 60.8316, 40.0740 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 59.2005, 60.8316, 40.0740 by changing the saturation by 10% instead.

■ 59.2005, 60.8316,
40.0740

■ 59.2005, 60.8316,
40.0740

411.5267,
427.6563, 361.9967

■ 43.0215, 44.0893,
27.2820

■ 102.7820,
106.0351, 76.5145

■ 30.0966, 30.7407,
17.5508

■ 130.9152,
135.2650, 101.0001

■ 20.0604, 20.4015,
10.4619

163.7639,
169.4263, 130.2207

■ 12.5474, 12.6872,
5.5967

201.6934,
208.9032, 164.5947

■ 7.1925, 7.2135,
2.5366

245.0690,
254.0803, 204.5408

■ 3.6302, 3.5960,
0.8595

294.2562,

■ 1.4951, 1.4502,

305.3420, 250.4775

0.0000

349.6203,
363.0725, 302.8233

■ 0.3225, 0.2533,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2005, 60.8316,
40.0740

■ 59.2005, 60.8316,
40.0740

■ 55.4526, 56.1519,
30.1430

■ 63.4342, 65.8972,
51.9719

■ 52.1634, 51.8377,
22.0659


■ 68.1698, 71.3518,
65.9336


■ 49.3096, 47.8788,
15.7242


■ 73.4285, 77.2089,
82.0539


■ 46.8641, 44.2608,
10.9838


■ 79.2287, 83.4787,
100.4207


 44.7954, 40.9680,
7.6907

 82.9901, 89.1319,
107.4379

 43.0665, 37.9821,
5.6598

 85.7091, 94.5700,
108.3442

 41.8646, 35.7609,
4.6960

 86.1232, 95.3980,
108.4822

Harmonies

Analogous

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



64.6055, 60.8316, 44.5739



59.2005, 60.8316, 40.0740



53.7550, 60.8316, 41.6261

Triad

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



59.2005, 60.8316, 40.0740



48.4266, 60.8316, 78.8865



66.8312, 60.8316, 86.7774

Complementary

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



59.2005, 60.8316, 40.0740



44.9933, 47.0047, 80.8303

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.



62.0820, 60.8316, 99.0210



59.2005, 60.8316, 40.0740



51.5245, 60.8316, 93.9755

Square

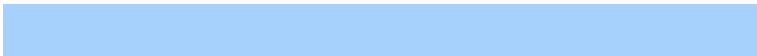
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.2005, 60.8316, 40.0740



47.7650, 60.8316, 62.3858



56.4584, 60.8316, 101.8484



69.1923, 60.8316, 70.2399

Rectangle

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



59.2005, 60.8316, 40.0740



50.8073, 60.8316, 46.0253



56.4584, 60.8316, 101.8484



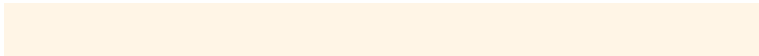
65.4469, 60.8316, 91.6342

Sweetspot

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



59.2021, 60.8344, 40.0753



88.1721, 92.3837, 87.6800



52.9802, 43.9469, 51.7006



18.6773, 19.5538, 18.1775



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.



59.2021, 60.8344, 40.0753



72.4500, 73.7917, 42.8176



64.0528, 73.9214, 42.3456



15.1131, 15.8401, 15.1654



24.0560, 20.6861, 2.7249



1.8668, 1.7070, 0.2311

Inverse Universe

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



44.9933, 47.0047, 80.8303



51.7438, 53.6463, 102.2353



41.1978, 37.2531, 79.1481



14.0337, 14.7887, 18.2592



10.1809, 7.4238, 43.2795



0.8400, 0.7239, 3.2274

Previews

White Background



This preview shows how the XYZ color 59.2005, 60.8316, 40.0740 looks on a white background.

Color Contrast Check

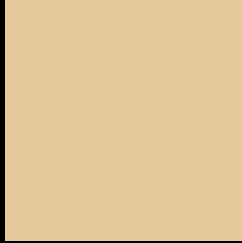
Large Text (above 18pt) WCAG AA × Fail

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 59.2005, 60.8316, 40.0740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

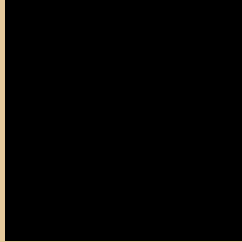
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2005, 60.8316, 40.0740

Background



This preview shows how black text looks on a background with the XYZ color 59.2005, 60.8316, 40.0740.



This preview shows how white text looks on a background with the XYZ color 59.2005, 60.8316,

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

59.2005, 60.8316, 40.0740

Protanopia

57.2163, 61.1913, 41.1432

Deuteranopia

62.3277, 61.0676, 40.4005



Tritanopia

65.0614, 60.8492, 68.6376

Trichromacy



Original Color

59.2005, 60.8316, 40.0740

Protanomaly

58.1101, 61.3080, 40.6692

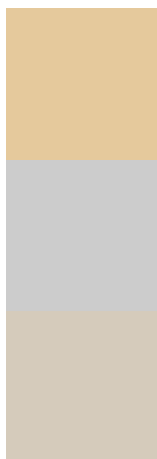
Deuteranomaly

61.2049, 60.8270, 40.4132

Tritanomaly

62.8648, 60.9738, 57.1710

Monochromacy



Original Color

59.2005, 60.8316, 40.0740

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.7661, 60.4459, 55.6363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2005, 60.8316, 40.0740 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, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(229, 201, 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(229, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 201, 156) }
```

Border

The CSS property to change the border of an element to XYZ 59.2005, 60.8316, 40.0740 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, 201, 156) }
```


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

```
.border{ border-color:rgb(229, 201, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 201, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(229, 201,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2005, 60.8316, 40.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 201, 156) }
```

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

```
.background{ background-color: rgb(229,  
201, 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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