

Converting Colors

XYZ(59.3946, 61.3287, 36.0017)

Have a look what the booklet for
XYZ(59.3946, 61.3287, 36.0017)
contains.

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Color

**XYZ(59.2638, 61.3053,
35.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CA92
RGB	231, 202, 146
RGB Percent	91%, 79%, 57%
CMY	0.0941, 0.2078, 0.4274
CMYK	0.00, 0.13, 0.37, 0.09
HSL	40°, 64%, 74%
HSV	40°, 37%, 91%
XYZ	59.2638, 61.3053, 35.9037
YIQ	204.2870, 35.2600, -11.2680

Conversions

Conversions Part 2

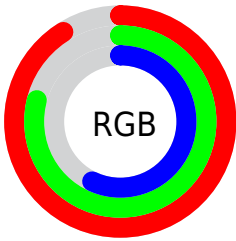
Format	Color
R _Y B	190, 231, 146
Decimal	15190674
CIE Lab	82.54, 2.40, 31.73
CIE LCh	83, 31.819, 85.667
Yxy	61.3053, 0.3787, 0.3918
Android (android.graphics.Color)	4293380754 (0xFFE7CA92)
YUV	204.2870, -28.7355, 23.4273
Hunter-Lab	78.2977, -1.9137, 27.6207

Details

The XYZ color **59.2638, 61.3053, 35.9037** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.6074, 42.5390, 81.6191**, and the grayscale version is **57.7379, 60.7447, 66.1510**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **30.1110, 31.0047, 15.2240** is the 20% darker color. If you saturate the color by 10%, you get **55.8439, 57.0563, 26.7764**, and if you desaturate by 10%, it is **63.1443, 65.8941, 46.9771**.

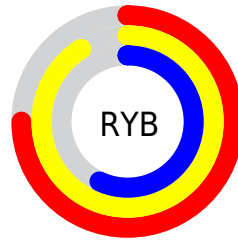
Distribution



Red (91%)

Green (79%)

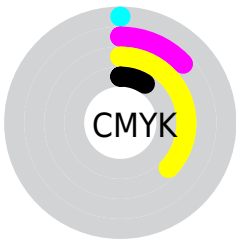
Blue (57%)



Red (75%)

Yellow (91%)

Blue (57%)

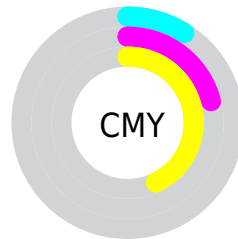


Cyan (0%)

Magenta (13%)

Yellow (37%)

Black (9%)



Cyan (9%)

Magenta (21%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2638, 61.3053, 35.9037 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 59.2638, 61.3053, 35.9037 by changing the saturation by 10% instead.

■ 59.2638, 61.3053,
35.9037

■ 59.2638, 61.3053,
35.9037

411.7572,
429.3925, 343.5641

■ 43.0727, 44.4716,
24.0707

■ 102.8734,
106.7209, 70.0508

■ 30.1369, 31.0414,
15.1734

■ 131.0226,
136.0715, 93.2020

■ 20.0911, 20.6304,
8.7932

163.8886,
170.3633, 120.9630

■ 12.5700, 12.8541,
4.5116

201.8367,
209.9805, 153.7523

■ 7.2080, 7.3282,
1.9100

245.2322,
255.3077, 191.9886

■ 3.6400, 3.6682,
0.4991

294.4406,

■ 1.5006, 1.4897,

306.7292, 236.0903

0.0000

349.8271,
364.6293, 286.4759

■ 0.3262, 0.2815,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2638, 61.3053,
35.9037

■ 59.2638, 61.3053,
35.9037

■ 55.8439, 57.0563,
26.7764

■ 63.1443, 65.8941,
46.9771

■ 52.8565, 53.1270,
19.4751


■ 67.5024, 70.8248,
60.0994


■ 50.2775, 49.5075,
13.8721


■ 72.3595, 76.1106,
75.3706

■ 48.0777, 46.1839,
9.8216


■ 77.7344, 81.7610,
92.8833

 46.2234, 43.1404,
7.1529

 82.5801, 87.3593,
107.1173

 44.6716, 40.3573,
5.6478

 84.9686, 92.1361,
107.9135

 44.2161, 39.5112,
5.2960

 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



65.9709, 61.3053, 40.3243



59.2638, 61.3053, 35.9037



52.7789, 61.3053, 38.3332

Triad

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



59.2638, 61.3053, 35.9037



47.2449, 61.3053, 84.3487



69.7652, 61.3053, 90.2158

Complementary

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



59.2638, 61.3053, 35.9037



41.6074, 42.5390, 81.6191

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.



64.1269, 61.3053, 106.5807



59.2638, 61.3053, 35.9037



51.1909, 61.3053, 102.7567

Square

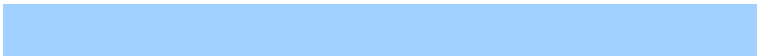
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.2638, 61.3053, 35.9037



46.1623, 61.3053, 63.9576



57.2851, 61.3053, 111.5655



72.3262, 61.3053, 69.6247

Rectangle

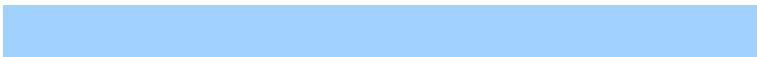
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.2638, 61.3053, 35.9037



49.3950, 61.3053, 43.8231



57.2851, 61.3053, 111.5655



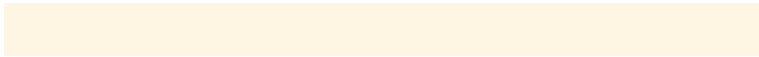
68.1465, 61.3053, 96.5390

Sweetspot

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



59.2653, 61.3081, 35.9050



87.8814, 92.3697, 85.8342



51.0460, 40.6720, 46.1054



18.6328, 19.5778, 17.8141



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.



59.2653, 61.3081, 35.9050



70.9253, 72.7222, 36.2059



62.7527, 74.1712, 38.2040



15.1659, 15.9458, 15.1830



24.9078, 22.3897, 3.0089



1.9260, 1.8253, 0.2508

Inverse Universe

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



41.6074, 42.5390, 81.6191



45.8818, 46.1192, 101.0914



38.9518, 33.6734, 80.0479



13.9827, 14.6868, 18.2422



9.7490, 6.5601, 43.1356



0.8042, 0.6523, 3.2155

Previews

White Background



This preview shows how the XYZ color 59.2638, 61.3053, 35.9037 looks on a white background.

Color Contrast Check

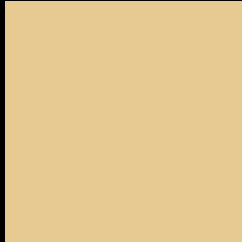
Large Text (above 18pt) WCAG AA × Fail

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 59.2638, 61.3053, 35.9037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

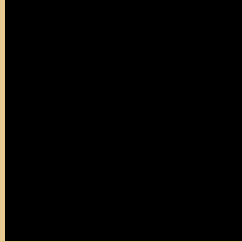
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2638, 61.3053, 35.9037

Background



This preview shows how black text looks on a background with the XYZ color 59.2638, 61.3053, 35.9037.



This preview shows how white text looks on a background with the XYZ color 59.2638, 61.3053,

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

59.2638, 61.3053, 35.9037

Protanopia

56.9166, 61.1414, 36.4054

Deuteranopia

62.5409, 61.2722, 36.1342



Tritanopia

66.0603, 61.3642, 68.6843

Trichromacy



Original Color

59.2638, 61.3053, 35.9037

Protanomaly

57.9107, 61.2999, 36.3836

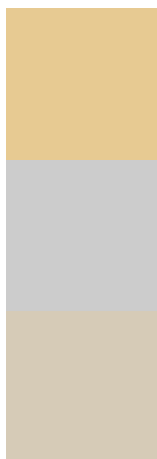
Deuteranomaly

61.2865, 61.3042, 36.2065

Tritanomaly

63.0901, 61.1398, 54.9303

Monochromacy



Original Color

59.2638, 61.3053, 35.9037

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6347, 60.4269, 53.4256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2638, 61.3053, 35.9037 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(231, 202, 146)` looks like.

```
.text, #text, p{  
    color:rgb(231, 202, 146)  
}
```

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(231, 202, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 202, 146) }
```

Border

The CSS property to change the border of an element to XYZ 59.2638, 61.3053, 35.9037 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(231, 202, 146) }
```


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

```
.border{ border-color:rgb(231, 202, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 202, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 202, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 202, 146);  
box-shadow:4px 4px 4px 4px rgb(231, 202,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2638, 61.3053, 35.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 202, 146) }
```

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

```
.background{ background-color: rgb(231,  
202, 146) }
```

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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