

Converting Colors

XYZ(59.4276, 60.9966, 37.9195)

Have a look what the booklet for
XYZ(59.4276, 60.9966, 37.9195)
contains.

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Color

**XYZ(59.4276, 60.9966,
37.9195)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C997
RGB	231, 201, 151
RGB Percent	91%, 79%, 59%
CMY	0.0941, 0.2117, 0.4078
CMYK	0.00, 0.13, 0.35, 0.09
HSL	38°, 62%, 75%
HSV	38°, 35%, 91%
XYZ	59.4276, 60.9966, 37.9195
YIQ	204.2700, 33.9300, -9.1900

Conversions

Conversions Part 2

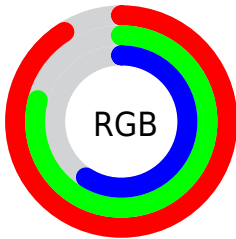
Format	Color
R_{YB}	199, 231, 151
Decimal	15190423
CIE Lab	82.38, 3.51, 28.90
CIE LCh	82, 29.116, 83.074
Yxy	60.9966, 0.3753, 0.3852
Android (android.graphics.Color)	4293380503 (0xFFE7C997)
YUV	204.2700, -26.2621, 23.4422
Hunter-Lab	78.1003, -0.8525, 25.8836

Details

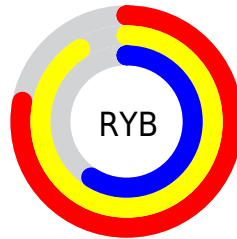
The XYZ color **59.4276, 60.9966, 37.9195** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.7098, 45.3952, 82.0599**, and the grayscale version is **57.7126, 60.7181, 66.1220**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **30.1895, 30.7862, 16.4078** is the 20% darker color. If you saturate the color by 10%, you get **55.7703, 56.3958, 28.3343**, and if you desaturate by 10%, it is **63.5694, 65.9778, 49.4810**.

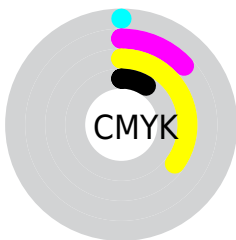
Distribution



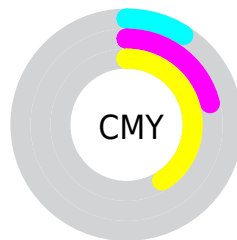
- Red (91%)
- Green (79%)
- Blue (59%)



- Red (78%)
- Yellow (91%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (9%)




- Cyan (9%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4276, 60.9966, 37.9195 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 59.4276, 60.9966, 37.9195 by changing the saturation by 10% instead.


 59.4276, 60.9966,
37.9195


 59.4276, 60.9966,
37.9195


412.3533,
428.2615, 352.5623

 43.2051, 44.2224,
25.6189


 103.1100,
106.2740, 73.1868

 30.2413, 30.8454,
16.3155

 131.3006,
135.5460, 96.9905

 20.1708, 20.4812,
9.5909


164.2112,
169.7528, 125.4657

 12.6282, 12.7453,
5.0266

202.2073,
209.2787, 159.0309

 7.2483, 7.2534,
2.2038

245.6543,
254.5081, 198.1046

 3.6656, 3.6211,
0.6766

294.9173,

 1.5147, 1.4639,

305.8255, 243.1054

0.0000

350.3619,
363.6152, 294.4518

■ 0.3358, 0.2631,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4276, 60.9966,
37.9195

■ 59.4276, 60.9966,
37.9195

■ 55.7703, 56.3958,
28.3343

■ 63.5694, 65.9778,
49.4810

■ 52.5696, 52.1546,
20.6074

■ 68.2128, 71.3425,
63.1200

■ 49.8011, 48.2624,
14.6140

■ 73.3795, 77.1044,
78.9351

■ 47.4363, 44.7047,
10.2124

■ 79.0883, 83.2739,
97.0177

■ 45.4418, 41.4650,
7.2380

■ 83.4494, 89.0977,
107.4071

■ 43.7776, 38.5239,
5.4894

■ 86.1216, 94.4419,
108.2978

■ 42.9875, 37.0538,
4.8864

■ 86.7651, 95.7290,
108.5123

Harmonies

Analogous

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



65.4504, 60.9966, 42.6538



59.4276, 60.9966, 37.9195



53.4199, 60.9966, 39.6566

Triad

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



59.4276, 60.9966, 37.9195



47.6678, 60.9966, 80.7411



68.0559, 60.9966, 89.1552

Complementary

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



59.4276, 60.9966, 37.9195



43.7098, 45.3952, 82.0599

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.



62.7829, 60.9966, 103.1119



59.4276, 60.9966, 37.9195



51.0925, 60.9966, 97.6799

Square

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



59.4276, 60.9966, 37.9195



46.9099, 60.9966, 62.3751



56.5471, 60.9966, 106.4818



70.6571, 60.9966, 70.6255

Rectangle

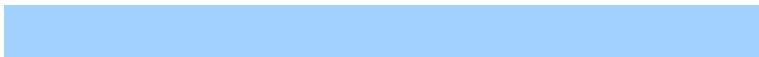
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.4276, 60.9966, 37.9195



50.1960, 60.9966, 44.4329



56.5471, 60.9966, 106.4818



66.5198, 60.9966, 94.6626

Sweetspot

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



59.4291, 60.9994, 37.9208



88.2382, 92.5159, 87.7020



52.4312, 42.4865, 49.5135



18.6934, 19.5859, 18.1829



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.



59.4291, 60.9994, 37.9208



70.8382, 71.9166, 38.1232



64.1844, 74.8634, 40.3462



15.1238, 15.8614, 15.1689



24.2223, 21.0187, 2.7804



1.8785, 1.7303, 0.2350

Inverse Universe

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



43.7098, 45.3952, 82.0599



48.2398, 49.4968, 101.6191



40.0550, 35.4115, 80.3254



14.0234, 14.7681, 18.2558



10.0890, 7.2400, 43.2489



0.8325, 0.7089, 3.2249

Previews

White Background



This preview shows how the XYZ color 59.4276, 60.9966, 37.9195 looks on a white background.

Color Contrast Check

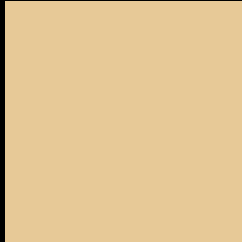
Large Text (above 18pt) WCAG AA × Fail

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 59.4276, 60.9966, 37.9195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

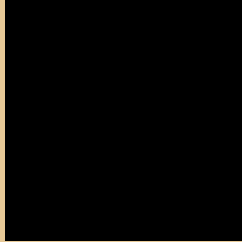
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4276, 60.9966, 37.9195

Background



This preview shows how black text looks on a background with the XYZ color 59.4276, 60.9966, 37.9195.



This preview shows how white text looks on a background with the XYZ color 59.4276, 60.9966,

37.9195.

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

59.4276, 60.9966, 37.9195

Protanopia

57.0963, 61.1782, 38.9363

Deuteranopia

62.2517, 61.0767, 38.2137



Tritanopia

65.3802, 60.6985, 67.9446

Trichromacy



Original Color

59.4276, 60.9966, 37.9195

Protanomaly

58.0008, 61.3000, 38.4809

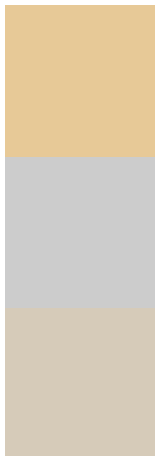
Deuteranomaly

61.1215, 60.8323, 38.2261

Tritanomaly

62.9705, 60.7299, 55.4168

Monochromacy



Original Color

59.4276, 60.9966, 37.9195

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.8444, 60.5108, 54.5300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4276, 60.9966, 37.9195 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, 201, 151)` looks like.

```
.text, #text, p{  
    color:rgb(231, 201, 151)  
}
```

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, 201, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 201, 151) }
```

Border

The CSS property to change the border of an element to XYZ 59.4276, 60.9966, 37.9195 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, 201, 151) }
```


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

```
.border{ border-color:rgb(231, 201, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 201, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 201, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 201, 151);  
box-shadow:4px 4px 4px 4px rgb(231, 201,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4276, 60.9966, 37.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 201, 151) }
```

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

```
.background{ background-color: rgb(231,  
201, 151) }
```

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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