

Converting Colors

XYZ(61.0546, 63.1890, 37.5773)

Have a look what the booklet for
XYZ(61.0546, 63.1890, 37.5773)
contains.

XYZ(61.1878, 63.3250, 37.4318)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.1878, 63.3250,
37.4318)**

Conversions

Conversions Part 1

Format	Color
Hex	EACD95
RGB	234, 205, 149
RGB Percent	92%, 80%, 58%
CMY	0.0824, 0.1961, 0.4157
CMYK	0.00, 0.12, 0.36, 0.08
HSL	40°, 67%, 75%
HSV	40°, 36%, 92%
XYZ	61.1878, 63.3250, 37.4318
YIQ	207.2870, 35.2600, -11.2680

Conversions

Conversions Part 2

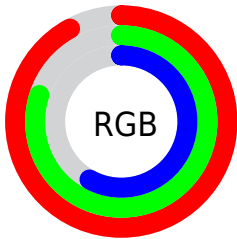
Format	Color
R _{YB}	193, 234, 149
Decimal	15388053
CIE _{Lab}	83.61, 2.36, 31.64
CIE _{LCh}	84, 31.729, 85.729
Yxy	63.3250, 0.3778, 0.3910
Android (android.graphics.Color)	4293578133 (0xFFEACD95)
YUV	207.2870, -28.7355, 23.4273
Hunter-Lab	79.5770, -2.0088, 27.8148

Details

The XYZ color **61.1878, 63.3250, 37.4318** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.1656, 44.1694, 84.0923**, and the grayscale version is **59.6582, 62.7651, 68.3512**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **31.4027, 32.3622, 16.1467** is the 20% darker color. If you saturate the color by 10%, you get **57.6436, 58.9319, 27.9411**, and if you desaturate by 10%, it is **65.2080, 68.0689, 48.9342**.

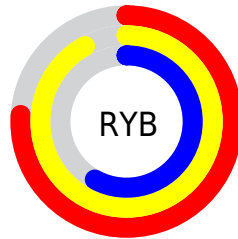
Distribution



Red (92%)

Green (80%)

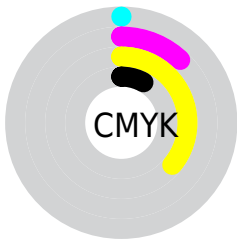
Blue (58%)



Red (76%)

Yellow (92%)

Blue (58%)

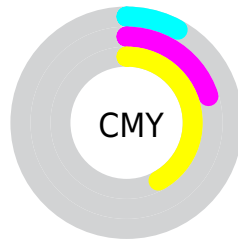


Cyan (0%)

Magenta (12%)

Yellow (36%)

Black (8%)



Cyan (8%)

Magenta (20%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1878, 63.3250, 37.4318 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 61.1878, 63.3250, 37.4318 by changing the saturation by 10% instead.


 61.1878, 63.3250,
37.4318


 61.1878, 63.3250,
37.4318


418.7272,
436.7480, 350.4010

 44.6299, 46.1042,
25.2436


 105.6474,
109.6383, 72.4301

 31.3660, 32.3280,
16.0380

 134.2797,
139.4995, 96.0773

 21.0309, 21.6122,
9.3964

167.6676,
174.3430, 124.3813

 13.2592, 13.5722,
4.9003

206.1764,
214.5531, 157.7605

 7.6855, 7.8237,
2.1312

250.1713,
260.5143, 196.6335

 3.9445, 3.9824,
0.6342

300.0179,

 1.6708, 1.6637,

312.6109, 241.4190

0.0000

356.0814,
371.2273, 292.5353

■ 0.4379, 0.4000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1878, 63.3250,
37.4318

■ 61.1878, 63.3250,
37.4318

■ 57.6436, 58.9319,
27.9411

■ 65.2080, 68.0689,
48.9342

■ 54.5466, 54.8690,
20.3388

■ 69.7215, 73.1660,
62.5542

■ 51.8718, 51.1262,
14.4938

■ 74.7505, 78.6297,
78.3946

■ 49.5894, 47.6891,
10.2564

■ 80.3144, 84.4697,
96.5505

■ 47.6648, 44.5416,
7.4518

■ 84.6087, 89.9665,
107.5137

■ 46.0550, 41.6637,
5.8616

■ 87.0748, 94.8987,
108.3357

■ 45.5169, 40.6629,
5.4497

■ 87.7417, 96.2324,
108.5580

Harmonies

Analogous

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



68.0192, 63.3250, 41.9467



61.1878, 63.3250, 37.4318



54.5799, 63.3250, 39.9362

Triad

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



61.1878, 63.3250, 37.4318



48.9506, 63.3250, 86.9051



71.9021, 63.3250, 92.7852

Complementary

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



61.1878, 63.3250, 37.4318



43.1656, 44.1694, 84.0923

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.



66.1687, 63.3250, 109.4227



61.1878, 63.3250, 37.4318



52.9831, 63.3250, 105.5958

Square

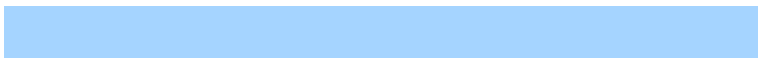
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1878, 63.3250, 37.4318



47.8388, 63.3250, 66.1430



59.2002, 63.3250, 114.5096



74.4993, 63.3250, 71.8357

Rectangle

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



61.1878, 63.3250, 37.4318



51.1309, 63.3250, 45.5669



59.2002, 63.3250, 114.5096



70.2573, 63.3250, 99.2136

Sweetspot

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



61.1894, 63.3279, 37.4331



87.8814, 92.3697, 85.8342



52.7910, 42.2326, 47.8854



18.6328, 19.5779, 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.



61.1894, 63.3279, 37.4331



70.9254, 72.7223, 36.2059



64.7428, 76.4270, 39.7742



15.8942, 16.7114, 15.9066



25.6994, 23.0930, 3.1029



2.1067, 1.9907, 0.2732

Inverse Universe

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



43.1656, 44.1694, 84.0923



45.8818, 46.1192, 101.0914



40.4489, 35.0914, 82.4833



14.6512, 15.3889, 19.1204



10.0551, 6.7573, 44.5173



0.8760, 0.7034, 3.5245

Previews

White Background



This preview shows how the XYZ color 61.1878, 63.3250, 37.4318 looks on a white background.

Color Contrast Check

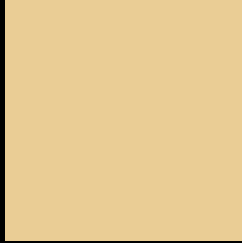
Large Text (above 18pt) WCAG AA × Fail

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 61.1878, 63.3250, 37.4318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

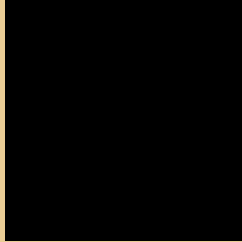
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1878, 63.3250, 37.4318

Background



This preview shows how black text looks on a background with the XYZ color 61.1878, 63.3250, 37.4318.



This preview shows how white text looks on a background with the XYZ color 61.1878, 63.3250,

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

61.1878, 63.3250, 37.4318

Protanopia

58.8014, 63.1611, 37.9463

Deuteranopia

64.5171, 63.2847, 37.6689



Tritanopia

68.1255, 63.3867, 70.9316

Trichromacy



Original Color

61.1878, 63.3250, 37.4318

Protanomaly

59.8128, 63.3216, 37.9240

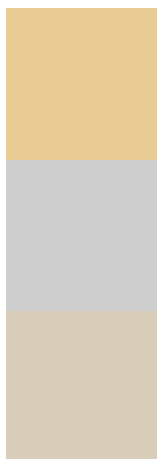
Deuteranomaly

63.2435, 63.3203, 37.7429

Tritanomaly

65.0995, 63.1598, 56.9041

Monochromacy



Original Color

61.1878, 63.3250, 37.4318

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5495, 62.4395, 55.3678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1878, 63.3250, 37.4318 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(234, 205, 149)` looks like.

```
.text, #text, p{  
    color:rgb(234, 205, 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(234, 205, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 205, 149) }
```

Border

The CSS property to change the border of an element to XYZ 61.1878, 63.3250, 37.4318 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(234, 205, 149) }
```


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

```
.border{ border-color:rgb(234, 205, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 205, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 205, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 205, 149);  
box-shadow:4px 4px 4px 4px rgb(234, 205,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1878, 63.3250, 37.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 205, 149) }
```

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

```
.background{ background-color: rgb(234,  
205, 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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