

Converting Colors

XYZ(61.1662, 61.4998, 39.1561)

Have a look what the booklet for
XYZ(61.1662, 61.4998, 39.1561)
contains.

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Color

**XYZ(61.0791, 61.4745,
39.2184)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC89A
RGB	236, 200, 154
RGB Percent	93%, 78%, 60%
CMY	0.0745, 0.2157, 0.3961
CMYK	0.00, 0.15, 0.35, 0.07
HSL	34°, 68%, 76%
HSV	34°, 35%, 93%
XYZ	61.0791, 61.4745, 39.2184
YIQ	205.5200, 36.2220, -6.6740

Conversions

Conversions Part 2

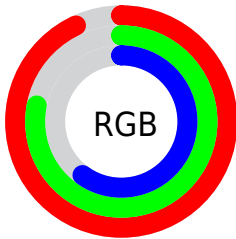
Format	Color
R _Y B	218, 236, 154
Decimal	15517850
CIE Lab	82.63, 6.33, 27.76
CIE LCh	83, 28.470, 77.151
Yxy	61.4745, 0.3776, 0.3800
Android (android.graphics.Color)	4293707930 (0xFFECC89A)
YUV	205.5200, -25.3994, 26.7310
Hunter-Lab	78.4057, 1.8440, 25.2272

Details

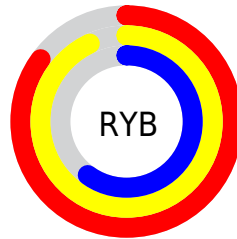
The XYZ color **61.0791, 61.4745, 39.2184** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.8797, 49.7515, 86.4892**, and the grayscale version is **58.5016, 61.5483, 67.0261**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **31.2676, 31.1008, 16.9254** is the 20% darker color. If you saturate the color by 10%, you get **56.9854, 56.1293, 29.0914**, and if you desaturate by 10%, it is **65.7250, 67.3051, 51.4373**.

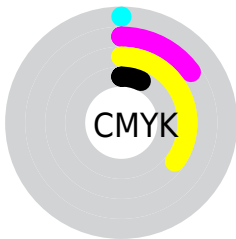
Distribution



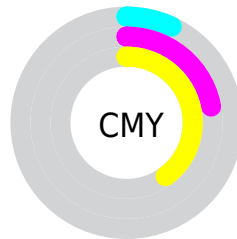
- Red (93%)
- Green (78%)
- Blue (60%)



- Red (85%)
- Yellow (93%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0791, 61.4745, 39.2184 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 61.0791, 61.4745, 39.2184 by changing the saturation by 10% instead.


 61.0791, 61.4745,
39.2184

 61.0791, 61.4745,
39.2184


418.3353,
430.0116, 358.2718

 44.5418, 44.6082,
26.6205


 105.4909,
106.9657, 75.1959

 31.2964, 31.1489,
17.0585


 134.0961,
136.3594, 99.4125

 20.9776, 20.7123,
10.1138

167.4547,
170.6976, 128.3392

 13.2200, 12.9139,
5.3679

205.9320,
210.3649, 162.3945

 7.6582, 7.3693,
2.4022

249.8933,
255.7455, 201.9968

 3.9270, 3.6941,
0.7876

299.7041,

 1.6609, 1.5040,

307.2239, 247.5648

0.0000

355.7296,
365.1845, 299.5169

■ 0.4316, 0.2915,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0791, 61.4745,
39.2184

■ 61.0791, 61.4745,
39.2184

■ 56.9854, 56.1293,
29.0914

■ 65.7250, 67.3051,
51.4373

■ 53.4132, 51.2456,
20.9315

■ 70.9424, 73.6272,
65.8553

■ 50.3357, 46.8095,
14.6067

■ 76.7553, 80.4575,
82.5769

■ 47.7212, 42.8028,
9.9666

■ 83.1847, 87.8090,
101.6987

■ 45.5332, 39.2055,
6.8368

■ 87.3909, 94.5504,
108.2518

■ 43.7278, 35.9940,
5.0037

■ 88.4021, 96.5729,
108.5889

■ 42.8984, 34.4454,
4.3876

Harmonies

Analogous

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



66.7815, 61.4745, 45.1902



61.0791, 61.4745, 39.2184



55.0361, 61.4745, 39.6775

Triad

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



61.0791, 61.4745, 39.2184



47.9159, 61.4745, 77.3461



67.4649, 61.4745, 92.4990

Complementary

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



61.0791, 61.4745, 39.2184



46.8797, 49.7515, 86.4892

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.



61.9599, 61.4745, 104.4701



61.0791, 61.4745, 39.2184



50.8049, 61.4745, 94.7305

Square

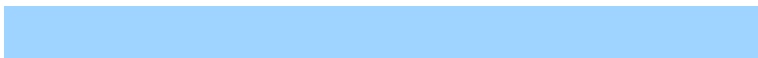
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0791, 61.4745, 39.2184



47.7163, 61.4745, 59.7343



55.8580, 61.4745, 105.3513



70.6373, 61.4745, 74.6930

Rectangle

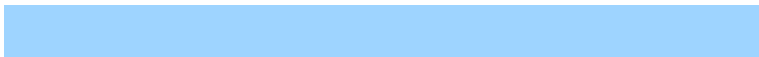
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0791, 61.4745, 39.2184



51.6236, 61.4745, 43.5571



55.8580, 61.4745, 105.3513



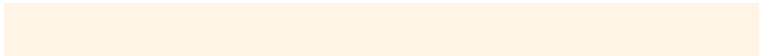
65.8091, 61.4745, 97.4641

Sweetspot

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



61.0807, 61.4774, 39.2197



87.7453, 91.5301, 87.5377



55.5411, 44.7019, 54.9342



18.5740, 19.3471, 18.1431



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.



61.0807, 61.4774, 39.2197



69.1301, 68.5004, 37.5538



69.0747, 79.4633, 42.2700



15.7665, 16.4561, 15.8641



23.7776, 19.2494, 2.4623



1.9627, 1.7026, 0.2252

Inverse Universe

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



46.8797, 49.7515, 86.4892



49.7403, 52.4978, 102.1192



40.8168, 36.4474, 84.2408



14.7753, 15.6370, 19.1617



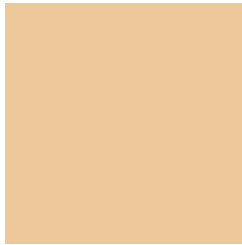
11.1759, 8.9989, 44.8909



0.9719, 0.8952, 3.5564

Previews

White Background



This preview shows how the XYZ color 61.0791, 61.4745, 39.2184 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 61.0791, 61.4745, 39.2184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

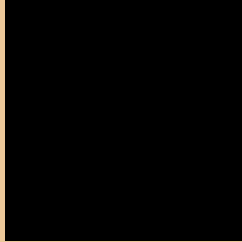
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0791, 61.4745, 39.2184

Background



This preview shows how black text looks on a background with the XYZ color 61.0791, 61.4745, 39.2184.



This preview shows how white text looks on a background with the XYZ color 61.0791, 61.4745,

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

61.0791, 61.4745, 39.2184

Protanopia

57.5873, 61.7586, 40.3379

Deuteranopia

62.8448, 61.3537, 39.5405



Tritanopia

67.0731, 61.5712, 68.0238

Trichromacy



Original Color

61.0791, 61.4745, 39.2184

Protanomaly

58.8733, 61.7210, 39.8207

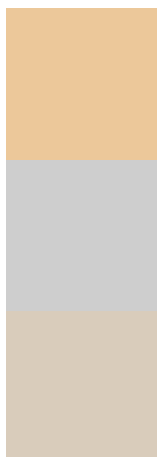
Deuteranomaly

62.0457, 61.2800, 39.5684

Tritanomaly

64.7522, 61.6360, 56.0611

Monochromacy



Original Color

61.0791, 61.4745, 39.2184

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.1778, 61.5253, 55.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0791, 61.4745, 39.2184 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(236, 200, 154)` looks like.

```
.text, #text, p{  
    color:rgb(236, 200, 154)  
}
```

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(236, 200, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 200, 154) }
```

Border

The CSS property to change the border of an element to XYZ 61.0791, 61.4745, 39.2184 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(236, 200, 154) }
```


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

```
.border{ border-color:rgb(236, 200, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 200, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 200, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 200, 154);  
box-shadow:4px 4px 4px 4px rgb(236, 200,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0791, 61.4745, 39.2184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 200, 154) }
```

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

```
.background{ background-color: rgb(236,  
200, 154) }
```

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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