

# Converting Colors

XYZ(60.7973, 61.2142, 41.9103)

Have a look what the booklet for  
XYZ(60.7973, 61.2142, 41.9103)  
contains.

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# Color

**XYZ(60.9311, 61.3390,  
41.8859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAC8A0
RGB	234, 200, 160
RGB Percent	92%, 78%, 63%
CMY	0.0824, 0.2157, 0.3725
CMYK	0.00, 0.15, 0.32, 0.08
HSL	32°, 64%, 77%
HSV	32°, 32%, 92%
XYZ	60.9311, 61.3390, 41.8859
YIQ	205.6060, 33.1040, -5.2320

# Conversions

## Conversions Part 2

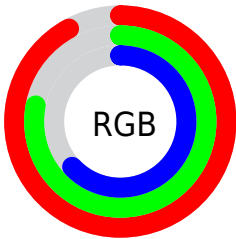
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 234, 160
Decimal	15386784
CIE Lab	82.56, 6.29, 24.48
CIE LCh	83, 25.272, 75.577
Yxy	61.3390, 0.3712, 0.3737
Android (android.graphics.Color)	4293576864 (0xFFEAC8A0)
YUV	205.6060, -22.4838, 24.9015
Hunter-Lab	78.3192, 1.8115, 23.1146

# Details

The XYZ color **60.9311, 61.3390, 41.8859** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.6398, 51.9961, 85.3147**, and the grayscale version is **58.5399, 61.5886, 67.0699**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **31.1171, 30.9876, 18.5285** is the 20% darker color. If you saturate the color by 10%, you get **56.6713, 55.7926, 31.2995**, and if you desaturate by 10%, it is **65.7545, 67.3953, 54.5623**.

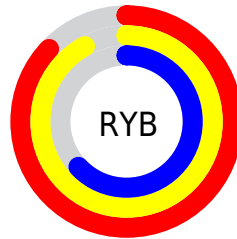
# Distribution



Red (92%)

Green (78%)

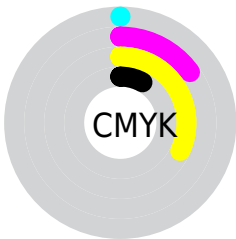
Blue (63%)



Red (87%)

Yellow (92%)

Blue (63%)

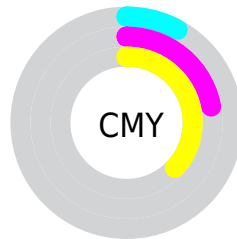


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (8%)



Cyan (8%)

Magenta (22%)


Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9311, 61.3390, 41.8859 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 60.9311, 61.3390, 41.8859 by changing the saturation by 10% instead.



 60.9311, 61.3390,  
41.8859


 60.9311, 61.3390,  
41.8859


417.8013,  
429.5159, 369.7954

 44.4219, 44.4988,  
28.6871


 105.2778,  
106.7696, 79.2951

 31.2017, 31.0628,  
18.6007


 133.8461,  
136.1289, 104.3426

 20.9050, 20.6467,  
11.2082

167.1647,  
170.4299, 134.1767

 13.1667, 12.8660,  
6.0911

205.5991,  
210.0571, 169.2160

 7.6212, 7.3363,  
2.8309

249.5146,  
255.3949, 209.8789

 3.9033, 3.6733,  
1.0089

299.2766,

 1.6476, 1.4926,

306.8277, 256.5841

0.0000

355.2503,  
364.7399, 309.7501

■ 0.4231, 0.2835,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.9311, 61.3390,  
41.8859

■ 60.9311, 61.3390,  
41.8859

■ 56.6713, 55.7926,  
31.2995

■ 65.7545, 67.3953,  
54.5623

■ 52.9451, 50.7319,  
22.6841

■ 71.1601, 73.9680,  
69.4312

■ 49.7265, 46.1427,  
15.9142

■ 77.1715, 81.0740,  
86.5930

■ 46.9851, 42.0067,  
10.8483

■ 83.8095, 88.7269,  
106.1407

■ 44.6863, 38.3039,  
7.3238

■ 87.3458, 95.4405,  
108.4260

■ 42.7894, 35.0113,  
5.1460

■ 87.7417, 96.2325,  
108.5580

■ 41.4570, 32.5429,  
4.0964

# Harmonies

## Analogous

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



65.8911, 61.3390, 47.6867



60.9311, 61.3390, 41.8859



55.5513, 61.3390, 41.9997

# Triad

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



60.9311, 61.3390, 41.8859



48.8417, 61.3390, 75.1132



66.0519, 61.3390, 89.8916

# Complementary

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



60.9311, 61.3390, 41.8859



48.6398, 51.9961, 85.3147

# 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.



61.1397, 61.3390, 99.7998



60.9311, 61.3390, 41.8859



51.3172, 61.3390, 90.4096

# Square

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



60.9311, 61.3390, 41.8859



48.7936, 61.3390, 59.6371



55.7475, 61.3390, 100.0029



68.9693, 61.3390, 74.4883



# Rectangle

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



60.9311, 61.3390, 41.8859



52.4546, 61.3390, 45.3652



55.7475, 61.3390, 100.0029



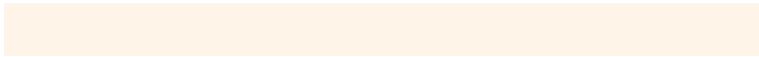
64.5661, 61.3390, 94.0734

# Sweetspot

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



60.9327, 61.3418, 41.8872



88.3009, 92.0657, 89.4977



56.3006, 46.5538, 57.3726



18.6788, 19.4421, 18.5316



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.



60.9327, 61.3418, 41.8872



70.5867, 70.0650, 42.1965



68.8957, 78.4617, 44.7719



15.7401, 16.4032, 15.8553



23.4240, 18.5422, 2.3444



1.9354, 1.6481, 0.2161

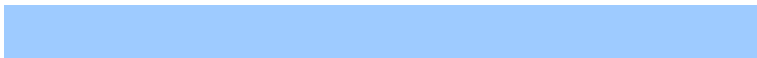


# Inverse Universe

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



48.6398, 51.9961, 85.3147



53.4354, 57.0296, 102.7992



42.4180, 38.8133, 83.0981



14.8014, 15.6892, 19.1704



11.4521, 9.5513, 44.9830



0.9945, 0.9404, 3.5640



# Previews

## White Background



This preview shows how the XYZ color 60.9311, 61.3390, 41.8859 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

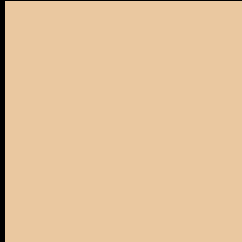
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.9311, 61.3390, 41.8859 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

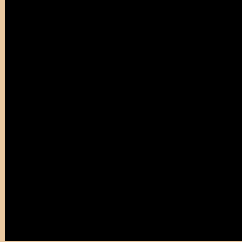
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 60.9311, 61.3390, 41.8859**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.9311, 61.3390, 41.8859.



This preview shows how white text looks on a background with the XYZ color 60.9311, 61.3390,



# 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

60.9311, 61.3390, 41.8859

### Protanopia

57.5663, 61.3313, 42.9865

### Deuteranopia

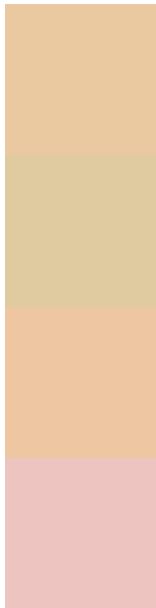
62.6749, 61.2065, 42.2289



## Tritanopia

66.0517, 61.0447, 67.9760

# Trichromacy



## Original Color

60.9311, 61.3390, 41.8859

## Protanomaly

58.5294, 61.1324, 42.4331

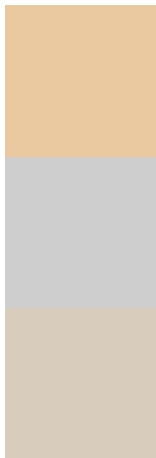
## Deuteranomaly

61.8870, 61.1385, 42.2573

## Tritanomaly

64.0689, 61.2460, 57.7351

# Monochromacy



## Original Color

60.9311, 61.3390, 41.8859

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

59.0971, 61.4588, 56.8921

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.9311, 61.3390, 41.8859 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, 200, 160)` looks like.

```
.text, #text, p{  
    color:rgb(234, 200, 160)  
}
```

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, 200, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 200, 160) }
```

## Border

The CSS property to change the border of an element to XYZ 60.9311, 61.3390, 41.8859 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, 200, 160) }
```



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

```
.border{ border-color:rgb(234, 200, 160) }
```

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

Here you see how a box with a 4 pixel rgb(234, 200, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 200, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 200, 160);  
box-shadow:4px 4px 4px 4px rgb(234, 200,  
160) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.9311, 61.3390, 41.8859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 200, 160) }
```

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

```
.background{ background-color: rgb(234,  
200, 160) }
```

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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