

# Converting Colors

XYZ(60.3496, 58.1143, 23.0753)

Have a look what the booklet for  
XYZ(60.3496, 58.1143, 23.0753)  
contains.

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# Color

**XYZ(60.3496, 58.1143,  
23.0753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9BE6F
RGB	249, 190, 111
RGB Percent	98%, 75%, 44%
CMY	0.0235, 0.2549, 0.5647
CMYK	0.00, 0.24, 0.55, 0.02
HSL	34°, 92%, 71%
HSV	34°, 55%, 98%
XYZ	60.3496, 58.1143, 23.0753
YIQ	198.6350, 60.5230, -12.0610

# Conversions

## Conversions Part 2

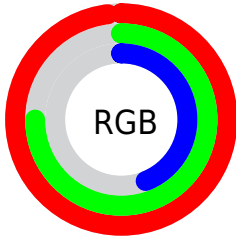
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 249, 111
Decimal	16367215
CIE <sub>Lab</sub>	80.80, 12.50, 47.66
CIE <sub>LCh</sub>	81, 49.271, 75.306
Yxy	58.1143, 0.4264, 0.4106
Android (android.graphics.Color)	4294557295 (0xFF9BE6F)
YUV	198.6350, -43.2041, 44.1701
Hunter-Lab	76.2327, 7.9021, 35.4161

# Details

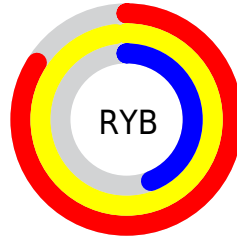
The XYZ color **60.3496, 58.1143, 23.0753** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.0285, 38.9668, 95.1392**, and the grayscale version is **54.2939, 57.1215, 62.2053**.

A 20% lighter version of the original color is **80.8966, 89.8519, 48.2014**, and **30.7475, 29.0364, 8.2590** is the 20% darker color. If you saturate the color by 10%, you get **56.9433, 53.1987, 16.0928**, and if you desaturate by 10%, it is **64.3091, 63.5252, 32.1282**.

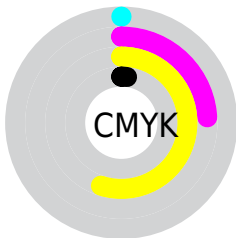
# Distribution



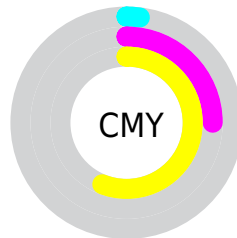
- Red (98%)
- Green (75%)
- Blue (44%)



- Red (84%)
- Yellow (98%)
- Blue (44%)



- Cyan (0%)
- Magenta (24%)
- Yellow (55%)
- Black (2%)




- Cyan (2%)
- Magenta (25%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3496, 58.1143, 23.0753 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 60.3496, 58.1143, 23.0753 by changing the saturation by 10% instead.




 60.3496, 58.1143,  
23.0753


 60.3496, 58.1143,  
23.0753


415.6993,  
417.6117, 281.2460

 43.9510, 41.9005,  
14.4433


 104.4401,  
102.0893, 49.4417


 30.8298, 29.0234,  
8.2874


 132.8627,  
130.6193, 68.0132

 20.6204, 19.0985,  
4.1890


 166.0241,  
164.0235, 90.7349

 12.9577, 11.7415,  
1.7296

 204.2895,  
202.6864, 118.0254

 7.4762, 6.5679,  
0.3809

248.0244,  
246.9922, 150.3032

 3.8106, 3.1934,  
0.0000

297.5941,

 1.5956, 1.2335,

297.3255, 187.9869

0.0000

353.3640,  
354.0705, 231.4949

■ 0.3895, 0.0888,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.3496, 58.1143,  
23.0753

■ 60.3496, 58.1143,  
23.0753

■ 56.9433, 53.1987,  
16.0928

■ 64.3091, 63.5252,  
32.1282

■ 54.0500, 48.7496,  
11.0044


■ 68.8501, 69.4415,  
43.4015


■ 51.6291, 44.7474,  
7.6093


■ 74.0034, 75.8830,  
57.0349


■ 49.6300, 41.1656,  
5.6589

■ 79.7963, 82.8659,  
73.1557

 48.8224, 39.6508,  
5.0802

 86.2541, 90.4055,  
91.8819

 92.5186, 98.1633,  
108.6789

 92.8768, 98.8797,  
108.7983

# Harmonies

## Analogous

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



70.1729, 58.1143, 31.2148



60.3496, 58.1143, 23.0753



50.2300, 58.1143, 23.1544

# Triad

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



60.3496, 58.1143, 23.0753



38.4304, 58.1143, 79.2521



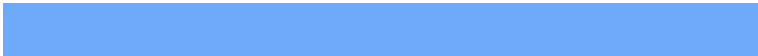
70.3462, 58.1143, 111.4408

# Complementary

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



60.3496, 58.1143, 23.0753



38.0285, 38.9668, 95.1392

# 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.



60.5638, 58.1143, 134.1806



60.3496, 58.1143, 23.0753



42.5849, 58.1143, 112.0586

# Square

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



60.3496, 58.1143, 23.0753



38.3880, 58.1143, 50.0993



50.4195, 58.1143, 134.4362



76.4077, 58.1143, 78.5829



# Rectangle

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



60.3496, 58.1143, 23.0753



44.6813, 58.1143, 27.6765



50.4195, 58.1143, 134.4362



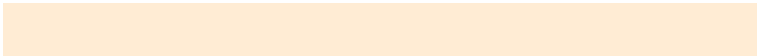
67.3341, 58.1143, 120.9124

# Sweetspot

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



60.3510, 58.1171, 23.0764



83.2100, 86.2567, 74.3197



52.0832, 34.4417, 42.3315



17.5400, 18.1391, 15.1471



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.



60.3510, 58.1171, 23.0764



59.5664, 55.3430, 15.9611



72.6121, 87.3891, 28.0803



18.0697, 18.8752, 18.1533



26.2778, 21.5123, 2.7673



2.5389, 2.2027, 0.2914



# Inverse Universe

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



38.0285, 38.9668, 95.1392



33.8083, 33.2891, 99.2513



30.5573, 22.2164, 92.2998



16.8931, 17.8631, 21.9428



12.0706, 9.4968, 49.1704



1.2207, 1.0851, 4.5883



# Previews

## White Background



This preview shows how the XYZ color 60.3496, 58.1143, 23.0753 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 60.3496, 58.1143, 23.0753 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 60.3496, 58.1143, 23.0753**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.3496, 58.1143, 23.0753.



This preview shows how white text looks on a background with the XYZ color 60.3496, 58.1143,



# 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

60.3496, 58.1143, 23.0753

### Protanopia

53.4964, 58.2267, 24.6390

### Deuteranopia

59.3751, 58.2594, 23.1547



## Tritanopia

67.5015, 58.2028, 58.7155

# Trichromacy



## Original Color

60.3496, 58.1143, 23.0753

## Protanomaly

55.9585, 58.1363, 24.1917

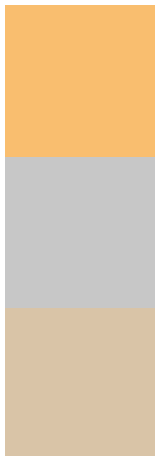
## Deuteranomaly

59.5061, 58.0021, 23.0981

## Tritanomaly

64.3493, 57.8440, 42.8954

# Monochromacy



## Original Color

60.3496, 58.1143, 23.0753

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

55.3303, 57.0216, 44.6493

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.3496, 58.1143, 23.0753 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(249, 190, 111)` looks like.

```
.text, #text, p{  
    color:rgb(249, 190, 111)  
}
```

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(249, 190, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 190, 111) }
```

## Border

The CSS property to change the border of an element to XYZ 60.3496, 58.1143, 23.0753 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(249, 190, 111) }
```



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

```
.border{ border-color:rgb(249, 190, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 190, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 190, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 190, 111);  
box-shadow:4px 4px 4px 4px rgb(249, 190,  
111) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.3496, 58.1143, 23.0753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 190, 111) }
```

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

```
.background{ background-color: rgb(249,  
190, 111) }
```

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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