

# Converting Colors

XYZ(61.4223, 60.2649, 40.2933)

Have a look what the booklet for  
XYZ(61.4223, 60.2649, 40.2933)  
contains.

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# Color

**XYZ(61.4223, 60.2649,  
40.2933)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EFC49D
RGB	239, 196, 157
RGB Percent	94%, 77%, 62%
CMY	0.0627, 0.2313, 0.3843
CMYK	0.00, 0.18, 0.34, 0.06
HSL	29°, 72%, 78%
HSV	29°, 34%, 94%
XYZ	61.4223, 60.2649, 40.2933
YIQ	204.4110, 38.1470, -3.0130

# Conversions

## Conversions Part 2

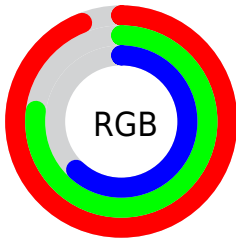
Format	Color
R <sub>Y</sub> B	239, 231, 157
Decimal	15713437
CIE Lab	81.98, 9.94, 25.35
CIE LCh	82, 27.227, 68.577
Yxy	60.2649, 0.3792, 0.3721
Android (android.graphics.Color)	4293903517 (0xFFEFC49D)
YUV	204.4110, -23.3736, 30.3346
Hunter-Lab	77.6305, 5.3783, 23.5675

# Details

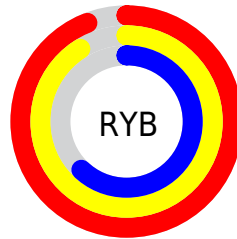
The XYZ color **61.4223, 60.2649, 40.2933** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.1382, 54.7068, 89.5782**, and the grayscale version is **57.7823, 60.7915, 66.2020**.

A 20% lighter version of the original color is **88.2489, 96.2640, 76.2170**, and **31.5142, 30.3110, 17.5542** is the 20% darker color. If you saturate the color by 10%, you get **56.8688, 54.1101, 29.6742**, and if you desaturate by 10%, it is **66.6141, 67.0572, 53.0956**.

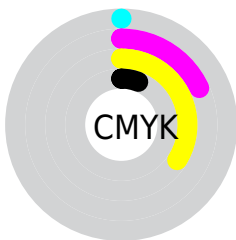
# Distribution



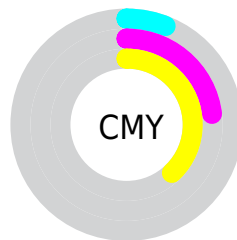
- Red (94%)
- Green (77%)
- Blue (62%)



- Red (94%)
- Yellow (91%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (6%)




- Cyan (6%)
- Magenta (23%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4223, 60.2649, 40.2933 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 61.4223, 60.2649, 40.2933 by changing the saturation by 10% instead.




 61.4223, 60.2649,  
40.2933


 61.4223, 60.2649,  
40.2933


419.5719,  
425.5735, 362.9470

 44.8199, 43.6322,  
27.4518


 105.9848,  
105.2138, 76.8519

 31.5163, 30.3815,  
17.6774


 134.6756,  
134.2989, 101.4061

 21.1460, 20.1283,  
10.5516


168.1266,  
168.3034, 130.7015

 13.3439, 12.4883,  
5.6558

206.7032,  
207.6120, 165.1568

 7.7444, 7.0772,  
2.5716

250.7706,  
252.6088, 205.1904

 3.9822, 3.5104,  
0.8777

300.6943,

 1.6921, 1.4037,

303.6785, 251.2210

0.0000

356.8396,  
361.2052, 303.6670

■ 0.4513, 0.2194,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.4223, 60.2649,  
40.2933

■ 61.4223, 60.2649,  
40.2933

■ 56.8688, 54.1101,  
29.6742

■ 66.6141, 67.0572,  
53.0956

■ 52.9200, 48.5636,  
21.1095

■ 72.4668, 74.4982,  
68.1924

■ 49.5455, 43.6059,  
14.4628

■ 79.0070, 82.6095,  
85.6917

■ 46.7102, 39.2129,  
9.5788

■ 86.2587, 91.4089,  
105.6936

■ 44.3739, 35.3583,  
6.2779

■ 89.4066, 97.0907,  
108.6359

■ 42.4884, 32.0118,  
4.3410

■ 41.5785, 30.3146,  
3.6599

# Harmonies

## Analogous

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



66.3843, 60.2649, 47.7564



61.4223, 60.2649, 40.2933



55.6437, 60.2649, 38.9805

# Triad

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



61.4223, 60.2649, 40.2933



47.0093, 60.2649, 70.4643



64.4692, 60.2649, 93.6775

# Complementary

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



61.4223, 60.2649, 40.2933



50.1382, 54.7068, 89.5782

# 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.



58.9480, 60.2649, 102.2551



61.4223, 60.2649, 40.2933



49.0486, 60.2649, 87.4564

# Square

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



61.4223, 60.2649, 40.2933



47.5739, 60.2649, 54.6987



53.3282, 60.2649, 99.8054



68.2238, 60.2649, 77.9021



# Rectangle

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



61.4223, 60.2649, 40.2933



52.1427, 60.2649, 41.5140



53.3282, 60.2649, 99.8054



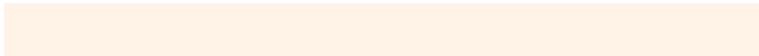
62.7440, 60.2649, 97.6091

# Sweetspot

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



61.4238, 60.2677, 40.2945



87.0948, 90.2291, 87.3209



58.1652, 46.6698, 61.0370



18.4167, 19.0325, 18.0907



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.



61.4238, 60.2677, 40.2945



67.4777, 64.8693, 38.0091



71.7548, 80.9297, 43.7382



16.3930, 16.9991, 16.5669



23.1067, 17.0116, 2.0657



2.0212, 1.6131, 0.2048



# Inverse Universe

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



50.1382, 54.7068, 89.5782



52.6062, 57.5379, 102.9410



42.0099, 38.4501, 86.8688



15.5831, 16.6004, 20.1045



12.8171, 11.8584, 46.7412

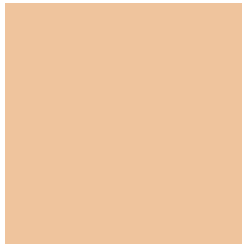


1.1659, 1.1857, 3.9216



# Previews

## White Background



This preview shows how the XYZ color 61.4223, 60.2649, 40.2933 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

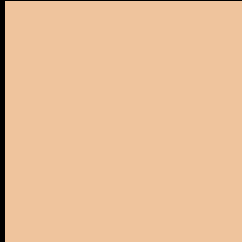
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.4223, 60.2649, 40.2933 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

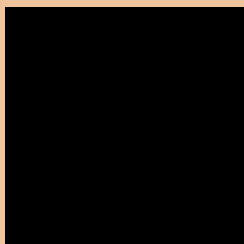
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 61.4223, 60.2649, 40.2933**

## **Background**



This preview shows how black text looks on a background with the XYZ color 61.4223, 60.2649, 40.2933.



This preview shows how white text looks on a background with the XYZ color 61.4223, 60.2649,



# 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

61.4223, 60.2649, 40.2933

### Protanopia

56.6412, 60.5107, 42.4126

### Deuteranopia

61.4223, 60.2649, 40.2933



## Tritanopia

66.6208, 60.4196, 65.2776

# Trichromacy



## Original Color

61.4223, 60.2649, 40.2933

## Protanomaly

58.2831, 60.3189, 41.8286

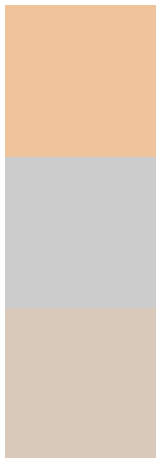
## Deuteranomaly

61.4223, 60.2649, 40.2933

## Tritanomaly

64.4372, 60.1644, 55.2304

# Monochromacy



## Original Color

61.4223, 60.2649, 40.2933

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

58.4716, 60.1129, 55.5349

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.4223, 60.2649, 40.2933 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(239, 196, 157)` looks like.

```
.text, #text, p{  
    color:rgb(239, 196, 157)  
}
```

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(239, 196, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 196, 157) }
```

## Border

The CSS property to change the border of an element to XYZ 61.4223, 60.2649, 40.2933 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(239, 196, 157) }
```



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

```
.border{ border-color:rgb(239, 196, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 196, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 196, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 196, 157);  
box-shadow:4px 4px 4px 4px rgb(239, 196,  
157) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.4223, 60.2649, 40.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 196, 157) }
```

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

```
.background{ background-color: rgb(239,  
196, 157) }
```

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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