

Converting Colors

XYZ(60.4291, 62.5664, 37.9361)

Have a look what the booklet for
XYZ(60.4291, 62.5664, 37.9361)
contains.

XYZ(60.3766, 62.5435, 37.7441)	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(60.3766, 62.5435,
37.7441)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CC96
RGB	232, 204, 150
RGB Percent	91%, 80%, 59%
CMY	0.0902, 0.2000, 0.4118
CMYK	0.00, 0.12, 0.35, 0.09
HSL	40°, 64%, 75%
HSV	40°, 35%, 91%
XYZ	60.3766, 62.5435, 37.7441
YIQ	206.2160, 34.0220, -10.8580

Conversions

Conversions Part 2

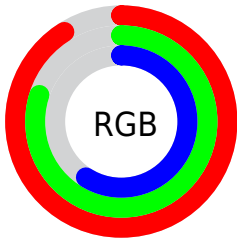
Format	Color
R_{YB}	193, 232, 150
Decimal	15256726
CIE _{Lab}	83.20, 2.22, 30.54
CIE _{LCh}	83, 30.623, 85.842
Yxy	62.5435, 0.3758, 0.3893
Android (android.graphics.Color)	4293446806 (0xFFE8CC96)
YUV	206.2160, -27.7145, 22.6126
Hunter-Lab	79.0844, -2.1229, 27.0622

Details

The XYZ color **60.3766, 62.5435, 37.7441** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.0632, 44.1497, 82.5961**, and the grayscale version is **58.9626, 62.0333, 67.5542**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **30.8377, 31.8275, 16.3224** is the 20% darker color. If you saturate the color by 10%, you get **56.8558, 58.2013, 28.2484**, and if you desaturate by 10%, it is **64.3662, 67.2309, 49.2221**.

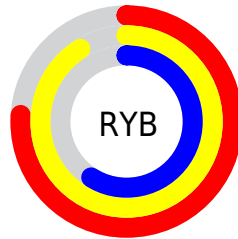
Distribution



Red (91%)

Green (80%)

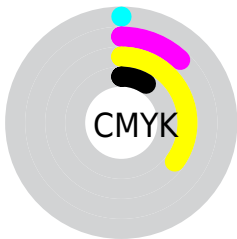
Blue (59%)



Red (76%)

Yellow (91%)

Blue (59%)

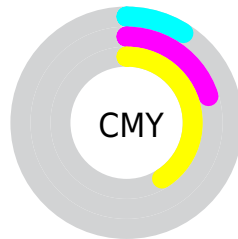


Cyan (0%)

Magenta (12%)

Yellow (35%)

Black (9%)



Cyan (9%)


Magenta (20%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3766, 62.5435, 37.7441 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 60.3766, 62.5435, 37.7441 by changing the saturation by 10% instead.


 60.3766, 62.5435,
37.7441


 60.3766, 62.5435,
37.7441


415.7970,
433.9108, 351.7862

 43.9729, 45.4720,
25.4838


 104.4790,
108.5107, 72.9148

 30.8470, 31.8294,
16.2156


 132.9084,
138.1751, 96.6623

 20.6336, 21.2312,
9.5208


166.0771,
172.8060, 125.0761

 12.9674, 13.2931,
4.9810

204.3504,
212.7877, 158.5745

 7.4829, 7.6307,
2.1776

248.0937,
258.5047, 197.5762

 3.8149, 3.8596,
0.6614

297.6723,

 1.5980, 1.5953,

310.3412, 242.4997

0.0000

353.4517,
368.6818, 293.7635

■ 0.3911, 0.3544,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3766, 62.5435,
37.7441

■ 60.3766, 62.5435,
37.7441

■ 56.8558, 58.2013,
28.2484

■ 64.3662, 67.2309,
49.2221

■ 53.7757, 54.1841,
20.6152

■ 68.8414, 72.2657,
62.7851

■ 51.1122, 50.4822,
14.7176

■ 73.8238, 77.6610,
78.5333

■ 48.8365, 47.0817,
10.4111

■ 79.3322, 83.4263,
96.5590

■ 46.9152, 43.9668,
7.5273

■ 83.5617, 88.8418,
107.3518

■ 45.3076, 41.1188,
5.8594

■ 85.9914, 93.7012,
108.1616

■ 44.6364, 39.8712,
5.3433

■ 87.0888, 95.8958,
108.5274

Harmonies

Analogous

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



66.9092, 62.5435, 42.0939



60.3766, 62.5435, 37.7441



54.0505, 62.5435, 40.1986

Triad

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



60.3766, 62.5435, 37.7441



48.6758, 62.5435, 85.3201



70.6533, 62.5435, 90.7710

Complementary

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



60.3766, 62.5435, 37.7441



43.0632, 44.1497, 82.5961

Split Complementary

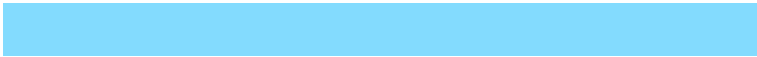
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.1886, 62.5435, 106.6095



60.3766, 62.5435, 37.7441



52.5590, 62.5435, 103.0735

Square

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



60.3766, 62.5435, 37.7441



47.5955, 62.5435, 65.4813



58.5245, 62.5435, 111.4838



73.1158, 62.5435, 70.7860

Rectangle

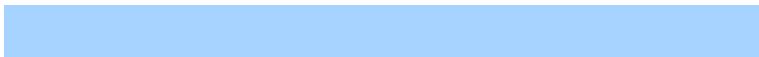
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.3766, 62.5435, 37.7441



50.7455, 62.5435, 45.6635



58.5245, 62.5435, 111.4838



69.0876, 62.5435, 96.8916

Sweetspot

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



60.3782, 62.5464, 37.7454



87.8790, 92.3648, 85.8333



52.2919, 42.2118, 47.8812



18.6322, 19.5767, 17.8139



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.



60.3782, 62.5464, 37.7454



71.7620, 73.7641, 38.4311



63.7864, 75.0843, 39.9858



15.1656, 15.9451, 15.1828



24.9017, 22.3776, 3.0069



1.9256, 1.8245, 0.2507

Inverse Universe

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



43.0632, 44.1497, 82.5961



47.4817, 47.9807, 101.3664



40.4338, 35.3525, 81.0367



13.9831, 14.6875, 18.2423



9.7517, 6.5656, 43.1365



0.8044, 0.6528, 3.2156

Previews

White Background



This preview shows how the XYZ color 60.3766, 62.5435, 37.7441 looks on a white background.

Color Contrast Check

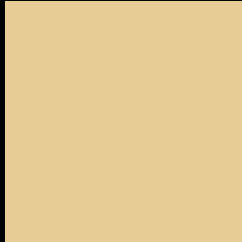
Large Text (above 18pt) WCAG AA × Fail

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 60.3766, 62.5435, 37.7441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

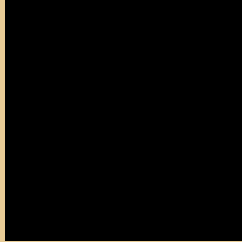
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3766, 62.5435, 37.7441

Background



This preview shows how black text looks on a background with the XYZ color 60.3766, 62.5435, 37.7441.



This preview shows how white text looks on a background with the XYZ color 60.3766, 62.5435,

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

60.3766, 62.5435, 37.7441

Protanopia

58.3302, 62.5480, 38.2768

Deuteranopia

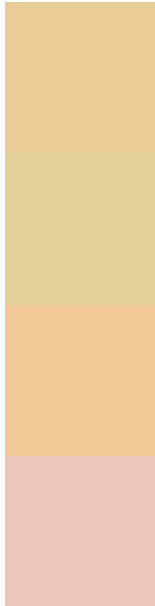
64.0154, 62.6740, 38.0015



Tritanopia

67.0944, 62.5337, 70.1620

Trichromacy



Original Color

60.3766, 62.5435, 37.7441

Protanomaly

59.0213, 62.5457, 38.2399

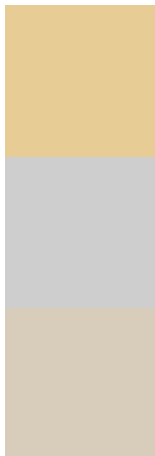
Deuteranomaly

62.7482, 62.7084, 38.0749

Tritanomaly

64.2008, 62.3538, 56.7959

Monochromacy



Original Color

60.3766, 62.5435, 37.7441

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7186, 61.6549, 55.2602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3766, 62.5435, 37.7441 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(232, 204, 150)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 150)  
}
```

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(232, 204, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 150) }
```

Border

The CSS property to change the border of an element to XYZ 60.3766, 62.5435, 37.7441 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(232, 204, 150) }
```


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

```
.border{ border-color:rgb(232, 204, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 204, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 150);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3766, 62.5435, 37.7441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 150) }
```

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

```
.background{ background-color: rgb(232,  
204, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor