

Converting Colors

XYZ(61.7253, 63.0498, 48.2673)

Have a look what the booklet for
XYZ(61.7253, 63.0498, 48.2673)
contains.

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Color

**XYZ(61.7688, 63.0259,
48.4448)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CCAD
RGB	230, 204, 173
RGB Percent	90%, 80%, 68%
CMY	0.0980, 0.2000, 0.3216
CMYK	0.00, 0.11, 0.25, 0.10
HSL	33°, 53%, 79%
HSV	33°, 25%, 90%
XYZ	61.7688, 63.0259, 48.4448
YIQ	208.2400, 25.4470, -4.1290

Conversions

Conversions Part 2

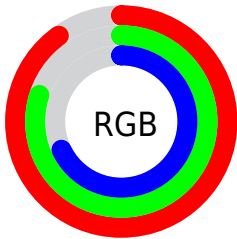
Format	Color
R _Y B	221, 230, 173
Decimal	15125677
CIE Lab	83.46, 4.40, 18.79
CIE LCh	83, 19.301, 76.815
Yxy	63.0259, 0.3566, 0.3638
Android (android.graphics.Color)	4293315757 (0xFFE6CCAD)
YUV	208.2400, -17.3733, 19.0835
Hunter-Lab	79.3889, -0.0479, 19.3922

Details

The XYZ color **61.7688, 63.0259, 48.4448** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.9394, 55.4426, 82.8271**, and the grayscale version is **60.2089, 63.3445, 68.9822**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **31.8131, 32.1918, 22.6261** is the 20% darker color. If you saturate the color by 10%, you get **57.3227, 57.3939, 36.9117**, and if you desaturate by 10%, it is **66.7693, 69.1528, 62.0543**.

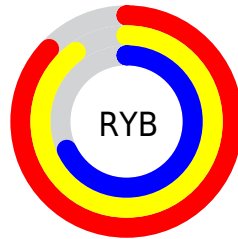
Distribution



Red (90%)

Green (80%)

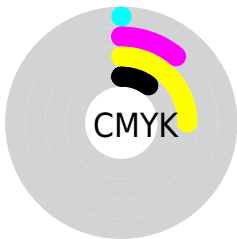
Blue (68%)



Red (87%)

Yellow (90%)

Blue (68%)

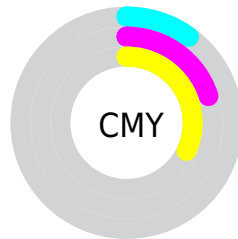


Cyan (0%)

Magenta (11%)

Yellow (25%)

Black (10%)



Cyan (10%)

Magenta (20%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7688, 63.0259, 48.4448 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 61.7688, 63.0259, 48.4448 by changing the saturation by 10% instead.

61.7688, 63.0259,
48.4448

61.7688, 63.0259,
48.4448

420.8183,
435.6635, 397.1120

45.1008, 45.8622,
33.8168

106.4831,
109.2069, 89.2387

31.7384, 32.1371,
22.4767

135.2602,
138.9929, 116.2417

21.3164, 21.4662,
14.0059

168.8043,
173.7552, 148.2068

13.4692, 13.4652,
7.9860

207.4808,
213.8780, 185.5524

7.8317, 7.7497,
3.9983

251.6551,
259.7459, 228.6972

4.0383, 3.9352,
1.6244

301.6926,

1.7238, 1.6374,

311.7431, 278.0597

0.3082

357.9585,
370.2542, 334.0585

■ 0.4711, 0.3826,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7688, 63.0259,
48.4448

■ 61.7688, 63.0259,
48.4448

■ 57.3227, 57.3939,
36.9117

■ 66.7693, 69.1528,
62.0543

■ 53.4032, 52.2337,
27.3467

■ 72.3406, 75.7796,
77.8332

■ 49.9872, 47.5329,
19.6373

■ 78.5046, 82.9221,
95.8737

■ 47.0474, 43.2751,
13.6581

■ 83.6276, 89.9319,
107.5587

■ 44.5539, 39.4424,
9.2681

■ 86.4432, 95.5630,
108.4972

■ 42.4719, 36.0150,
6.3033

■ 40.7598, 32.9700,
4.5634

■ 39.9805, 31.5176,
3.9763

Harmonies

Analogous

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



65.6139, 63.0259, 53.0768



61.7688, 63.0259, 48.4448



57.5939, 63.0259, 48.7467

Triad

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



61.7688, 63.0259, 48.4448



52.4879, 63.0259, 75.5487



65.9998, 63.0259, 85.7358

Complementary

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



61.7688, 63.0259, 48.4448



51.9394, 55.4426, 82.8271

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.



62.2755, 63.0259, 93.2823



61.7688, 63.0259, 48.4448



54.5358, 63.0259, 86.9456

Square

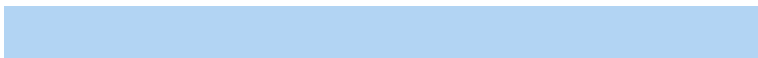
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.7688, 63.0259, 48.4448



52.3665, 63.0259, 63.4735



58.0776, 63.0259, 93.7494



68.1326, 63.0259, 74.0469

Rectangle

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



61.7688, 63.0259, 48.4448



55.1853, 63.0259, 51.6945



58.0776, 63.0259, 93.7494



64.8848, 63.0259, 88.8979

Sweetspot

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



61.7705, 63.0288, 48.4461



89.7658, 93.8188, 93.6134



57.9558, 50.8623, 61.1622



19.1198, 19.9702, 19.7692



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.



61.7705, 63.0288, 48.4461



74.9488, 75.7397, 53.0522



67.8666, 76.1213, 50.6519



15.0233, 15.6606, 15.1354



22.7585, 18.0911, 2.2924



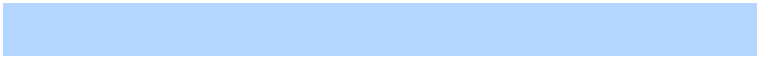
1.7744, 1.5221, 0.2003

Inverse Universe

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



51.9394, 55.4426, 82.8271



60.4170, 64.5282, 103.8786



46.8840, 44.7035, 81.0207



14.1216, 14.9645, 18.2885



11.0588, 9.1798, 43.5722



0.9091, 0.8621, 3.2505

Previews

White Background



This preview shows how the XYZ color 61.7688, 63.0259, 48.4448 looks on a white background.

Color Contrast Check

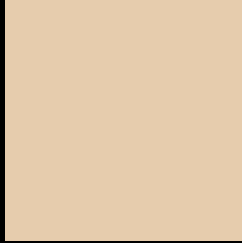
Large Text (above 18pt) WCAG AA × Fail

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 61.7688, 63.0259, 48.4448 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 61.7688, 63.0259, 48.4448

Background



This preview shows how black text looks on a background with the XYZ color 61.7688, 63.0259, 48.4448.



This preview shows how white text looks on a background with the XYZ color 61.7688, 63.0259,

48.4448.

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

61.7688, 63.0259, 48.4448

Protanopia

59.5072, 63.2670, 49.6328

Deuteranopia

64.2294, 62.8898, 48.7981



Tritanopia

66.5926, 62.9054, 72.2505

Trichromacy



Original Color

61.7688, 63.0259, 48.4448

Protanomaly

60.3842, 63.3696, 49.0934

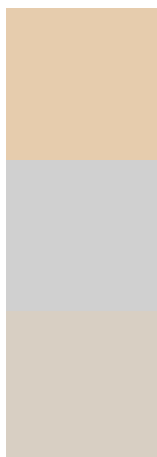
Deuteranomaly

63.1187, 62.6621, 48.8127

Tritanomaly

64.5674, 62.7557, 62.7428

Monochromacy



Original Color

61.7688, 63.0259, 48.4448

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.4821, 63.1647, 60.6340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7688, 63.0259, 48.4448 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(230, 204, 173)` looks like.

```
.text, #text, p{  
    color:rgb(230, 204, 173)  
}
```

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(230, 204, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 204, 173) }
```

Border

The CSS property to change the border of an element to XYZ 61.7688, 63.0259, 48.4448 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(230, 204, 173) }
```


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

```
.border{ border-color:rgb(230, 204, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 204, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 204, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 204, 173);  
box-shadow:4px 4px 4px 4px rgb(230, 204,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7688, 63.0259, 48.4448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 204, 173) }
```

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

```
.background{ background-color: rgb(230,  
204, 173) }
```

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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