

# Converting Colors

XYZ(61.9771, 62.2550, 48.5937)

Have a look what the booklet for  
XYZ(61.9771, 62.2550, 48.5937)  
contains.

<b>XYZ(62.0392, 62.4529, 48.8292)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(62.0392, 62.4529,  
48.8292)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8CAAE
RGB	232, 202, 174
RGB Percent	91%, 79%, 68%
CMY	0.0902, 0.2078, 0.3176
CMYK	0.00, 0.13, 0.25, 0.09
HSL	29°, 56%, 80%
HSV	29°, 25%, 91%
XYZ	62.0392, 62.4529, 48.8292
YIQ	207.7780, 26.8680, -2.3480

# Conversions

## Conversions Part 2

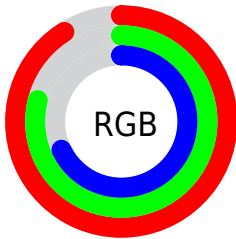
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 228, 174
Decimal	15256238
CIE Lab	83.15, 6.34, 17.87
CIE LCh	83, 18.959, 70.474
Yxy	62.4529, 0.3579, 0.3603
Android (android.graphics.Color)	4293446318 (0xFFE8CAAE)
YUV	207.7780, -16.6526, 21.2427
Hunter-Lab	79.0271, 1.8315, 18.6850

# Details

The XYZ color **62.0392, 62.4529, 48.8292** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.6133, 58.0089, 84.7152**, and the grayscale version is **59.9041, 63.0237, 68.6328**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **32.0073, 31.8151, 22.8663** is the 20% darker color. If you saturate the color by 10%, you get **57.2638, 56.2141, 37.0260**, and if you desaturate by 10%, it is **67.4275, 69.2914, 62.7653**.

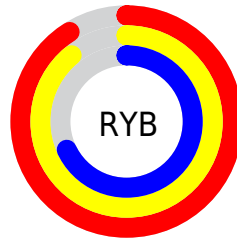
# Distribution



Red (91%)

Green (79%)

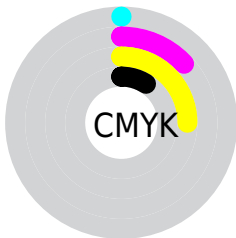
Blue (68%)



Red (91%)

Yellow (89%)

Blue (68%)

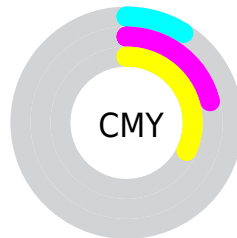


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (9%)



Cyan (9%)

Magenta (21%)


Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0392, 62.4529, 48.8292 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 62.0392, 62.4529, 48.8292 by changing the saturation by 10% instead.




 62.0392, 62.4529,  
48.8292

 62.0392, 62.4529,  
48.8292

421.7893,  
433.5812, 398.6727

 45.3201, 45.3988,  
34.1194


 106.8718,  
108.3798, 89.8161

 31.9120, 31.7716,  
22.7072


135.7160,  
138.0214, 116.9302

 21.4495, 21.1871,  
14.1742


169.3326,  
172.6276, 149.0162

 13.5673, 13.2609,  
8.1018

208.0870,  
212.5827, 186.4926

 7.9000, 7.6084,  
4.0714

252.3445,  
258.2713, 229.7778

 4.0823, 3.8454,  
1.6646

302.4705,

 1.7488, 1.5875,

310.0776, 279.2906

0.3363

358.8303,  
368.3861, 335.4493

■ 0.4865, 0.3491,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.0392, 62.4529,  
48.8292

■ 62.0392, 62.4529,  
48.8292

■ 57.2638, 56.2141,  
37.0260

■ 67.4275, 69.2914,  
62.7653

■ 53.0712, 50.5486,  
27.2446

■ 73.4472, 76.7382,  
78.9303

■ 49.4363, 45.4403,  
19.3692

■ 80.1220, 84.8124,  
97.4188

■ 46.3294, 40.8687,  
13.2709

■ 85.5138, 92.7458,  
108.0024

■ 43.7179, 36.8121,  
8.8044

■ 87.0888, 95.8958,  
108.5274

■ 41.5642, 33.2460,  
5.8012

■ 39.8235, 30.1430,  
4.0544

■ 39.0752, 28.7486,  
3.4895

# Harmonies

## Analogous

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



65.5738, 62.4529, 54.3473



62.0392, 62.4529, 48.8292



57.9351, 62.4529, 48.0919

# Triad

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



62.0392, 62.4529, 48.8292



51.9257, 62.4529, 72.1968



64.6362, 62.4529, 86.7028

# Complementary

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



62.0392, 62.4529, 48.8292



53.6133, 58.0089, 84.7152

# 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.



60.8073, 62.4529, 92.7612



62.0392, 62.4529, 48.8292



53.5510, 62.4529, 83.7680

# Square

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



62.0392, 62.4529, 48.8292



52.2214, 62.4529, 60.7159



56.7583, 62.4529, 91.6292



67.1204, 62.4529, 75.8458



# Rectangle

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



62.0392, 62.4529, 48.8292



55.4429, 62.4529, 50.3066



56.7583, 62.4529, 91.6292



63.4566, 62.4529, 89.4218

# Sweetspot

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



62.0408, 62.4557, 48.8305



89.4335, 93.1542, 93.5026



59.4267, 51.8332, 64.5887



19.0428, 19.8163, 19.7435



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.



62.0408, 62.4557, 48.8305



73.7382, 73.3185, 52.6486



69.2344, 76.8428, 51.2283



14.9484, 15.5107, 15.1105



21.8178, 16.2098, 1.9789



1.7049, 1.3831, 0.1771



# Inverse Universe

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



53.6133, 58.0089, 84.7152



61.6126, 66.9194, 104.2771



47.5340, 45.8502, 82.6888



14.1963, 15.1139, 18.3134



11.9404, 10.9430, 43.8660

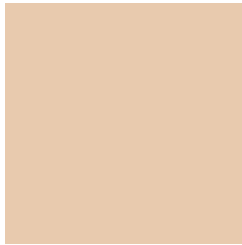


0.9753, 0.9945, 3.2725



# Previews

## White Background



This preview shows how the XYZ color 62.0392, 62.4529, 48.8292 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 62.0392, 62.4529, 48.8292 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

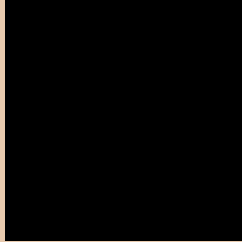
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 62.0392, 62.4529, 48.8292**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.0392, 62.4529, 48.8292.



This preview shows how white text looks on a background with the XYZ color 62.0392, 62.4529,



# 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

62.0392, 62.4529, 48.8292

### Protanopia

59.0627, 62.6657, 50.0570

### Deuteranopia

63.7579, 62.2927, 49.2207



## Tritanopia

66.7750, 62.6905, 70.8684

# Trichromacy



## Original Color

62.0392, 62.4529, 48.8292

## Protanomaly

60.0006, 62.4458, 49.4483

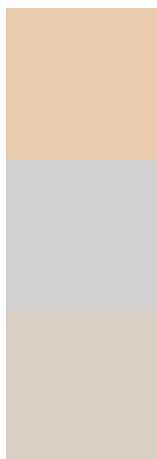
## Deuteranomaly

62.9842, 62.2366, 49.2507

## Tritanomaly

64.8774, 62.5862, 62.0870

# Monochromacy



## Original Color

62.0392, 62.4529, 48.8292

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

60.6504, 62.8798, 61.1650

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.0392, 62.4529, 48.8292 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, 202, 174)` looks like.

```
.text, #text, p{  
    color:rgb(232, 202, 174)  
}
```

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, 202, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 202, 174) }
```

## Border

The CSS property to change the border of an element to XYZ 62.0392, 62.4529, 48.8292 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, 202, 174) }
```



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

```
.border{ border-color:rgb(232, 202, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 202, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 202, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 202, 174);  
box-shadow:4px 4px 4px 4px rgb(232, 202,  
174) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.0392, 62.4529, 48.8292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 202, 174) }
```

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

```
.background{ background-color: rgb(232,  
202, 174) }
```

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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