

Converting Colors

XYZ(63.5143, 65.9311, 48.7091)

Have a look what the booklet for
XYZ(63.5143, 65.9311, 48.7091)
contains.

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Color

**XYZ(63.5444, 66.0992,
48.9444)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D2AD
RGB	231, 210, 173
RGB Percent	91%, 82%, 68%
CMY	0.0941, 0.1764, 0.3216
CMYK	0.00, 0.09, 0.25, 0.09
HSL	38°, 55%, 79%
HSV	38°, 25%, 91%
XYZ	63.5444, 66.0992, 48.9444
YIQ	212.0610, 24.3930, -7.0550

Conversions

Conversions Part 2

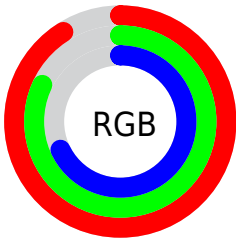
Format	Color
R _Y B	206, 231, 173
Decimal	15192749
CIE Lab	85.05, 1.66, 21.01
CIE LCh	85, 21.077, 85.495
Yxy	66.0992, 0.3558, 0.3701
Android (android.graphics.Color)	4293382829 (0xFFE7D2AD)
YUV	212.0610, -19.2571, 16.6095
Hunter-Lab	81.3014, -2.7636, 21.2177

Details

The XYZ color **63.5444, 66.0992, 48.9444** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.9488, 53.2360, 83.1919**, and the grayscale version is **62.7339, 66.0010, 71.8750**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **32.9578, 34.2470, 22.6426** is the 20% darker color. If you saturate the color by 10%, you get **59.4893, 61.2619, 37.5020**, and if you desaturate by 10%, it is **68.0974, 71.3128, 62.4609**.

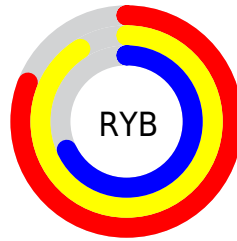
Distribution



Red (91%)

Green (82%)

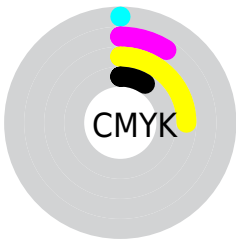
Blue (68%)



Red (81%)

Yellow (91%)

Blue (68%)

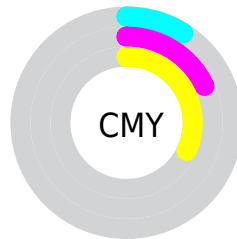


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (9%)



Cyan (9%)


Magenta (18%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5444, 66.0992, 48.9444 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 63.5444, 66.0992, 48.9444 by changing the saturation by 10% instead.


 63.5444, 66.0992,
48.9444

 63.5444, 66.0992,
48.9444


427.1709,
446.7316, 399.1396

 46.5421, 48.3529,
34.2101


 109.0319,
113.6287, 89.9890

 32.8802, 34.1065,
22.7764


138.2479,
144.1807, 117.1364

 22.1935, 22.9754,
14.2247


172.2657,
179.7701, 149.2585

 14.1165, 14.5753,
8.1366

211.4508,
220.7813, 186.7739

 8.2840, 8.5219,
4.0935

256.1685,
267.5986, 230.1012

 4.3305, 4.4307,
1.6768

306.7842,

 1.8908, 1.9173,

320.6065, 279.6589

0.3447

363.6632,
380.1894, 335.8655

■ 0.5715, 0.5587,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5444, 66.0992,
48.9444

■ 63.5444, 66.0992,
48.9444

■ 59.4893, 61.2619,
37.5020

■ 68.0974, 71.3128,
62.4609

■ 55.9053, 56.7808,
28.0242

■ 73.1631, 76.9044,
78.1451

■ 52.7709, 52.6469,
20.3979

■ 78.7620, 82.8870,
96.0899

■ 50.0604, 48.8471,
14.4964

■ 83.1916, 88.5818,
107.3211

■ 47.7451, 45.3672,
10.1771

■ 85.7575, 93.7138,
108.1764

■ 45.7918, 42.1910,
7.2741

■ 86.7651, 95.7290,
108.5123

■ 44.1601, 39.2995,
5.5839

■ 43.4483, 37.9753,
5.0400

Harmonies

Analogous

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



68.1350, 66.0992, 52.5194



63.5444, 66.0992, 48.9444



58.9805, 66.0992, 50.8739

Triad

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



63.5444, 66.0992, 48.9444



54.9470, 66.0992, 83.8102



70.6454, 66.0992, 87.8053

Complementary

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



63.5444, 66.0992, 48.9444



50.9488, 53.2360, 83.1919

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.



66.8336, 66.0992, 98.2171



63.5444, 66.0992, 48.9444



57.7989, 66.0992, 95.7145

Square

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



63.5444, 66.0992, 48.9444



54.1642, 66.0992, 69.9386



62.1117, 66.0992, 101.2787



72.3637, 66.0992, 74.0420

Rectangle

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



63.5444, 66.0992, 48.9444



56.5423, 66.0992, 55.1693



62.1117, 66.0992, 101.2787



69.5574, 66.0992, 91.8779

Sweetspot

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



63.5461, 66.1022, 48.9458



89.6270, 94.1337, 91.7404



57.6668, 50.7839, 57.9597



18.9759, 19.9199, 18.9891



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.



63.5461, 66.1022, 48.9458



76.8796, 79.6013, 53.6958



66.6329, 75.8997, 50.6742



15.1399, 15.8937, 15.1743



24.4794, 21.5330, 2.8661



1.8964, 1.7661, 0.2409

Inverse Universe

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



50.9488, 53.2360, 83.1919



58.6426, 60.9793, 103.2871



48.3617, 45.4491, 81.8252



14.0078, 14.7369, 18.2506



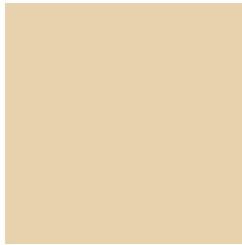
9.9544, 6.9710, 43.2040



0.8214, 0.6867, 3.2212

Previews

White Background



This preview shows how the XYZ color 63.5444, 66.0992, 48.9444 looks on a white background.

Color Contrast Check

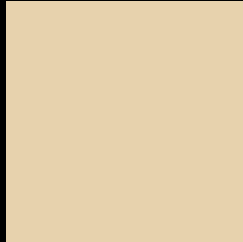
Large Text (above 18pt) WCAG AA × Fail

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 63.5444, 66.0992, 48.9444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

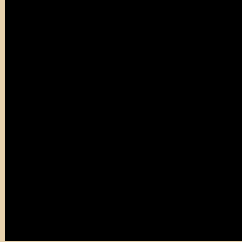
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5444, 66.0992, 48.9444

Background



This preview shows how black text looks on a background with the XYZ color 63.5444, 66.0992, 48.9444.



This preview shows how white text looks on a background with the XYZ color 63.5444, 66.0992,

48.9444.

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

63.5444, 66.0992, 48.9444

Protanopia

62.2348, 66.1505, 49.5326

Deuteranopia

67.2389, 65.8346, 49.2079



Tritanopia

69.3041, 66.3047, 76.1632

Trichromacy



Original Color

63.5444, 66.0992, 48.9444

Protanomaly

62.6128, 65.9754, 49.4789

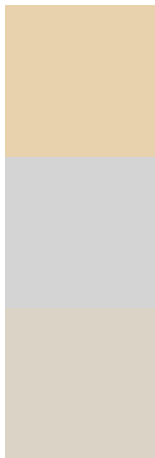
Deuteranomaly

65.9869, 65.8994, 49.2864

Tritanomaly

66.9929, 66.0690, 65.0988

Monochromacy



Original Color

63.5444, 66.0992, 48.9444

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.7007, 65.7258, 62.8077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5444, 66.0992, 48.9444 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(231, 210, 173)` looks like.

```
.text, #text, p{  
    color:rgb(231, 210, 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(231, 210, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 210, 173) }
```

Border

The CSS property to change the border of an element to XYZ 63.5444, 66.0992, 48.9444 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(231, 210, 173) }
```


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

```
.border{ border-color:rgb(231, 210, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 210, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 210, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 210, 173);  
box-shadow:4px 4px 4px 4px rgb(231, 210,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5444, 66.0992, 48.9444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 210, 173) }
```

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

```
.background{ background-color: rgb(231,  
210, 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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