

Converting Colors

XYZ(64.3838, 66.6204, 54.2479)

Have a look what the booklet for
XYZ(64.3838, 66.6204, 54.2479)
contains.

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Color

**XYZ(64.4746, 66.8304,
54.3011)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D3B7
RGB	230, 211, 183
RGB Percent	90%, 83%, 72%
CMY	0.0980, 0.1725, 0.2823
CMYK	0.00, 0.08, 0.20, 0.10
HSL	36°, 48%, 81%
HSV	36°, 20%, 90%
XYZ	64.4746, 66.8304, 54.3011
YIQ	213.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

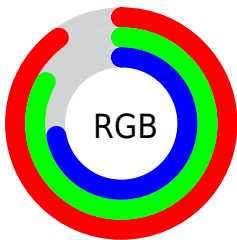
Format	Color
R _Y B	215, 230, 183
Decimal	15127479
CIE Lab	85.42, 2.18, 16.26
CIE LCh	85, 16.401, 82.368
Yxy	66.8304, 0.3474, 0.3601
Android (android.graphics.Color)	4293317559 (0xFFE6D3B7)
YUV	213.4890, -15.0311, 14.4801
Hunter-Lab	81.7499, -2.2826, 17.8424

Details

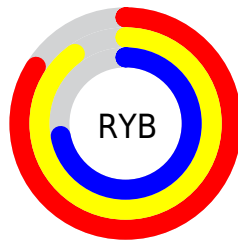
The XYZ color **64.4746, 66.8304, 54.3011** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.9315, 58.0201, 83.1671**, and the grayscale version is **63.6629, 66.9783, 72.9394**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **33.5418, 34.7243, 26.0537** is the 20% darker color. If you saturate the color by 10%, you get **60.0312, 61.4663, 41.9586**, and if you desaturate by 10%, it is **69.4464, 72.6241, 68.7512**.

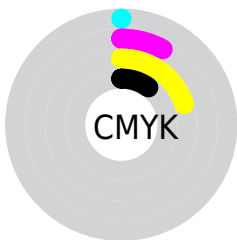
Distribution



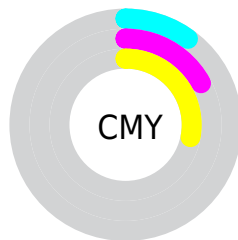
- Red (90%)
- Green (83%)
- Blue (72%)



- Red (84%)
- Yellow (90%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (10%)




- Cyan (10%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4746, 66.8304, 54.3011 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 64.4746, 66.8304, 54.3011 by changing the saturation by 10% instead.


 64.4746, 66.8304,
54.3011

 64.4746, 66.8304,
54.3011


430.4766,
449.3408, 420.4642

 47.2983, 48.9468,
38.4476


 110.3641,
114.6774, 97.9771

 33.4805, 34.5773,
26.0258


139.8080,
145.4095, 126.6366

 22.6558, 23.3374,
16.6170


174.0717,
181.1933, 160.4020

 14.4588, 14.8429,
9.8027

213.5208,
222.4132, 199.6916

 8.5243, 8.7092,
5.1645

258.5204,
269.4534, 244.9241

 4.4868, 4.5520,
2.2837

309.4360,

 1.9811, 1.9869,

322.6986, 296.5180

0.7220

366.6330,
382.5329, 354.8919

■ 0.6233, 0.5998,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.4746, 66.8304,
54.3011

■ 64.4746, 66.8304,
54.3011

■ 60.0312, 61.4663,
41.9586

■ 69.4464, 72.6241,
68.7512

■ 56.0895, 56.5108,
31.6189

■ 74.9611, 78.8498,
85.3987

■ 52.6287, 51.9541,
23.1743

■ 81.0393, 85.5215,
104.3330

■ 49.6236, 47.7823,
16.5053

■ 84.3085, 91.2935,
107.7856

■ 47.0468, 43.9807,
11.4786

■ 86.4433, 95.5631,
108.4972

■ 44.8670, 40.5326,
7.9416

■ 43.0472, 37.4193,
5.7129

■ 41.5853, 34.7271,
4.5112

Harmonies

Analogous

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



67.9864, 66.8304, 57.7262



64.4746, 66.8304, 54.3011



60.8383, 66.8304, 55.4270

Triad

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



64.4746, 66.8304, 54.3011



57.1355, 66.8304, 80.8402



69.3521, 66.8304, 85.9988

Complementary

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



64.4746, 66.8304, 54.3011



54.9315, 58.0201, 83.1671

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.



66.2800, 66.8304, 93.3916



64.4746, 66.8304, 54.3011



59.2541, 66.8304, 90.2166

Square

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



64.4746, 66.8304, 54.3011



56.6945, 66.8304, 70.0812



62.5754, 66.8304, 95.0060



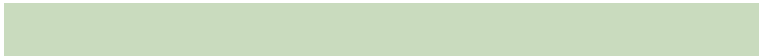
70.8731, 66.8304, 75.5205

Rectangle

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



64.4746, 66.8304, 54.3011



58.8232, 66.8304, 58.6631



62.5754, 66.8304, 95.0060



68.4610, 66.8304, 88.9675

Sweetspot

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



64.4764, 66.8334, 54.3025



90.7426, 95.1714, 95.7919



60.2971, 54.9827, 63.6754



19.3256, 20.2607, 20.2114



0.0000, 0.0000, 0.0000



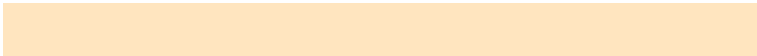
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.4764, 66.8334, 54.3025



78.7559, 81.2015, 60.9571



68.2347, 76.1952, 55.9114



15.0875, 15.7888, 15.1568



23.6661, 19.9063, 2.5950



1.8394, 1.6521, 0.2219

Inverse Universe

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



54.9315, 58.0201, 83.1671



64.4155, 67.9622, 104.3307



51.6903, 50.1353, 81.8160



14.0586, 14.8386, 18.2675



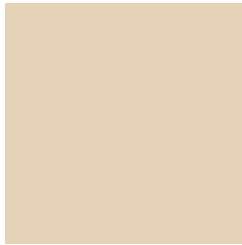
10.4127, 7.8875, 43.3568



0.8586, 0.7612, 3.2336

Previews

White Background



This preview shows how the XYZ color 64.4746, 66.8304, 54.3011 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 64.4746, 66.8304, 54.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

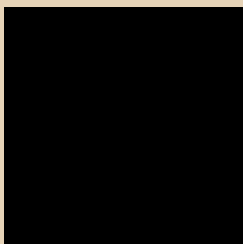
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

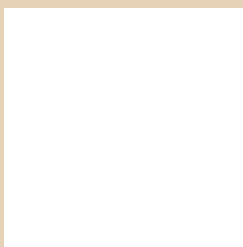
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.4746, 66.8304, 54.3011

Background



This preview shows how black text looks on a background with the XYZ color 64.4746, 66.8304, 54.3011.



This preview shows how white text looks on a background with the XYZ color 64.4746, 66.8304,

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

64.4746, 66.8304, 54.3011

Protanopia

63.1864, 66.8965, 54.9294

Deuteranopia

68.3792, 67.0158, 54.6788



Tritanopia

69.2771, 66.5987, 78.3108

Trichromacy



Original Color

64.4746, 66.8304, 54.3011

Protanomaly

63.5592, 66.7164, 54.8750

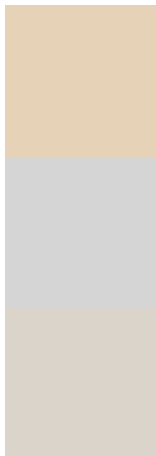
Deuteranomaly

67.1428, 67.0977, 54.7597

Tritanomaly

67.3023, 66.5034, 68.9637

Monochromacy



Original Color

64.4746, 66.8304, 54.3011

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.4176, 66.4113, 65.3533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4746, 66.8304, 54.3011 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, 211, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 211, 183)  
}
```

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, 211, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 211, 183) }
```

Border

The CSS property to change the border of an element to XYZ 64.4746, 66.8304, 54.3011 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, 211, 183) }
```


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

```
.border{ border-color:rgb(230, 211, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 211, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 211, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 211, 183);  
box-shadow:4px 4px 4px 4px rgb(230, 211,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4746, 66.8304, 54.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 211, 183) }
```

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

```
.background{ background-color: rgb(230,  
211, 183) }
```

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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