

Converting Colors

XYZ(63.9922, 66.1911, 50.7139)

Have a look what the booklet for
XYZ(63.9922, 66.1911, 50.7139)
contains.

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Color

**XYZ(64.1618, 66.3836,
50.5059)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D2B0
RGB	232, 210, 176
RGB Percent	91%, 82%, 69%
CMY	0.0902, 0.1764, 0.3098
CMYK	0.00, 0.09, 0.24, 0.09
HSL	36°, 55%, 80%
HSV	36°, 24%, 91%
XYZ	64.1618, 66.3836, 50.5059
YIQ	212.7020, 24.0260, -5.9100

Conversions

Conversions Part 2

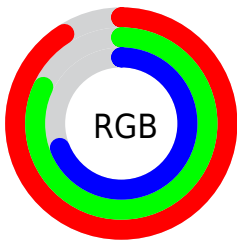
Format	Color
RYB	212, 232, 176
Decimal	15258288
CIELab	85.19, 2.44, 19.65
CIELCh	85, 19.801, 82.913
Yxy	66.3836, 0.3544, 0.3667
Android (android.graphics.Color)	4293448368 (0xFFE8D2B0)
YUV	212.7020, -18.0941, 16.9243
Hunter-Lab	81.4761, -2.0159, 20.2803

Details

The XYZ color **64.1618, 66.3836, 50.5059** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.6637, 55.4430, 84.2702**, and the grayscale version is **63.1540, 66.4429, 72.3564**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **33.3681, 34.4371, 23.6272** is the 20% darker color. If you saturate the color by 10%, you get **59.8741, 61.1729, 38.7030**, and if you desaturate by 10%, it is **68.9735, 72.0135, 64.4204**.

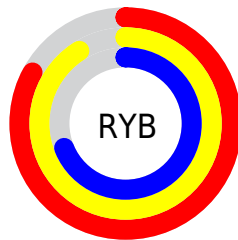
Distribution



Red (91%)

Green (82%)

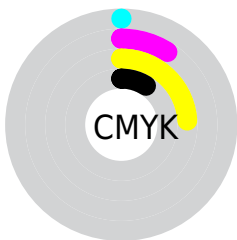
Blue (69%)



Red (83%)

Yellow (91%)

Blue (69%)

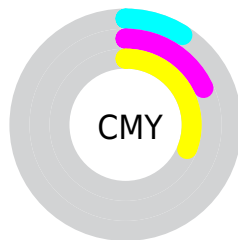


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (9%)



Cyan (9%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1618, 66.3836, 50.5059 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 64.1618, 66.3836, 50.5059 by changing the saturation by 10% instead.


 64.1618, 66.3836,
50.5059

 64.1618, 66.3836,
50.5059

429.3667,
447.7475, 405.4326

 47.0439, 48.5839,
35.4415


 109.9164,
114.0367, 92.3280

 33.2785, 34.2895,
23.7169


139.2837,
144.6589, 119.9228

 22.5001, 23.1161,
14.9135


173.4650,
180.3240, 152.5315

 14.3435, 14.6792,
8.6128

212.8254,
221.4165, 190.5727

 8.4432, 8.5946,
4.3961

257.7305,
268.3207, 234.4649

 4.4340, 4.4777,
1.8451

308.5455,

 1.9505, 1.9442,

321.4210, 284.6266

0.4574

365.6357,
381.1018, 341.4763

■ 0.6059, 0.5748,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1618, 66.3836,
50.5059

■ 64.1618, 66.3836,
50.5059

■ 59.8741, 61.1729,
38.7030

■ 68.9735, 72.0135,
64.4204

■ 56.0831, 56.3602,
28.9019

■ 74.3245, 78.0651,
80.5407

■ 52.7666, 51.9354,
20.9888

■ 80.2359, 84.5523,
98.9601

■ 49.8985, 47.8846,
14.8372

■ 84.4232, 90.5646,
107.6389

■ 47.4496, 44.1924,
10.3043

■ 87.0889, 95.8959,
108.5274

■ 45.3864, 40.8416,
7.2251

■ 43.6683, 37.8121,
5.3983

■ 42.7857, 36.1695,
4.7264

Harmonies

Analogous

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



68.4207, 66.3836, 54.3725



64.1618, 66.3836, 50.5059



59.8089, 66.3836, 51.8994

Triad

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



64.1618, 66.3836, 50.5059



55.5069, 66.3836, 82.2913



70.2017, 66.3836, 88.1598

Complementary

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



64.1618, 66.3836, 50.5059



52.6637, 55.4430, 84.2702

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.



66.5006, 66.3836, 97.4008



64.1618, 66.3836, 50.5059



58.0543, 66.3836, 93.7431

Square

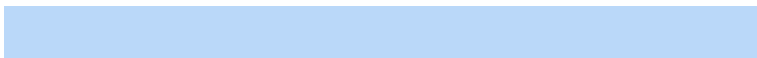
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.1618, 66.3836, 50.5059



54.9466, 66.3836, 69.2864



62.0413, 66.3836, 99.5560



72.0129, 66.3836, 75.3596

Rectangle

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



64.1618, 66.3836, 50.5059



57.4237, 66.3836, 55.7131



62.0413, 66.3836, 99.5560



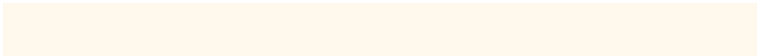
69.1292, 66.3836, 91.8442

Sweetspot

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



64.1635, 66.3866, 50.5073



90.1120, 94.5113, 93.7288



59.0439, 52.3030, 60.6526



19.2000, 20.1307, 19.7959



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.



64.1635, 66.3866, 50.5073



76.7696, 78.9663, 54.9388



68.1832, 77.0818, 52.3598



15.1016, 15.8171, 15.1615



23.8789, 20.3319, 2.6659



1.8544, 1.6821, 0.2269

Inverse Universe

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



52.6637, 55.4430, 84.2702



60.1879, 63.1901, 103.6324



49.2887, 46.7742, 82.7748



14.0449, 14.8111, 18.2629



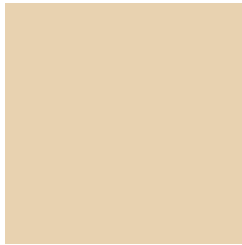
10.2832, 7.6285, 43.3136



0.8482, 0.7404, 3.2302

Previews

White Background



This preview shows how the XYZ color 64.1618, 66.3836, 50.5059 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 64.1618, 66.3836, 50.5059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

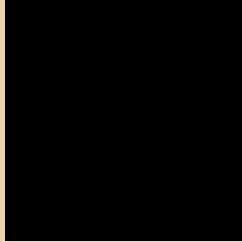
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1618, 66.3836, 50.5059

Background



This preview shows how black text looks on a background with the XYZ color 64.1618, 66.3836, 50.5059.



This preview shows how white text looks on a background with the XYZ color 64.1618, 66.3836,

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

64.1618, 66.3836, 50.5059

Protanopia

62.5306, 66.2688, 51.0904

Deuteranopia

67.7732, 66.4298, 50.8452



Tritanopia

69.4362, 66.3576, 76.8588

Trichromacy



Original Color

64.1618, 66.3836, 50.5059

Protanomaly

63.2250, 66.2568, 51.0515

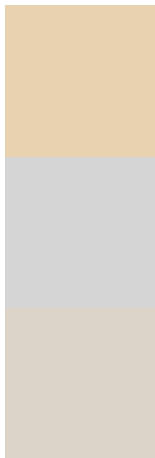
Deuteranomaly

66.5243, 66.5007, 50.9247

Tritanomaly

67.2313, 66.1644, 66.3543

Monochromacy



Original Color

64.1618, 66.3836, 50.5059

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.4840, 66.4727, 64.1281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1618, 66.3836, 50.5059 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, 210, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 210, 176)  
}
```

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, 210, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 210, 176) }
```

Border

The CSS property to change the border of an element to XYZ 64.1618, 66.3836, 50.5059 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, 210, 176) }
```


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

```
.border{ border-color:rgb(232, 210, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 210, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 210, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 210, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 210,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1618, 66.3836, 50.5059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 210, 176) }
```

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

```
.background{ background-color: rgb(232,  
210, 176) }
```

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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