

Converting Colors

XYZ(64.5757, 68.7788, 61.7163)

Have a look what the booklet for
XYZ(64.5757, 68.7788, 61.7163)
contains.

| | |
|--|----|
| XYZ(64.5304, 68.5815, 61.4662) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(64.5304, 68.5815,
61.4662)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DED8C3 |
| RGB | 222, 216, 195 |
| RGB Percent | 87%, 85%, 76% |
| CMY | 0.1294, 0.1529, 0.2353 |
| CMYK | 0.00, 0.03, 0.12, 0.13 |
| HSL | 47°, 29%, 82% |
| HSV | 47°, 12%, 87% |
| XYZ | 64.5304, 68.5815, 61.4662 |
| YIQ | 215.4000, 10.3170, -5.2590 |

Conversions

Conversions Part 2

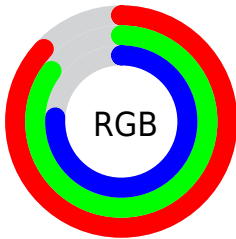
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 203, 222, 195 |
| Decimal | 14604483 |
| CIE Lab | 86.30, -1.48, 11.08 |
| CIE LCh | 86, 11.178, 97.609 |
| Yxy | 68.5815, 0.3316, 0.3525 |
| Android (android.graphics.Color) | 4292794563 (0xFFDED8C3) |
| YUV | 215.4000, -10.0572, 5.7882 |
| Hunter-Lab | 82.8139, -5.8334, 13.9635 |

Details

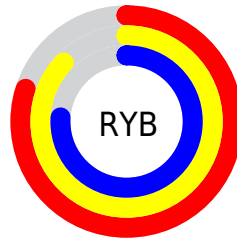
The XYZ color **64.5304, 68.5815, 61.4662** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5770, 58.6481, 77.4461**, and the grayscale version is **64.9252, 68.3064, 74.3856**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **33.4889, 35.6283, 30.3112** is the 20% darker color. If you saturate the color by 10%, you get **60.9612, 65.1655, 48.7998**, and if you desaturate by 10%, it is **68.5144, 72.2287, 76.1137**.

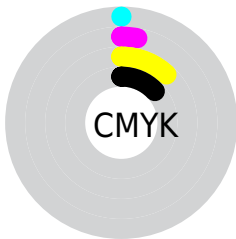
Distribution



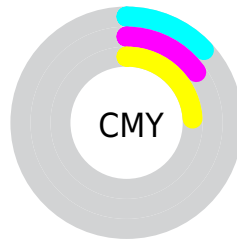
- Red (87%)
- Green (85%)
- Blue (76%)



- Red (80%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5304, 68.5815, 61.4662 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 64.5304, 68.5815, 61.4662 by changing the saturation by 10% instead.

■ 64.5304, 68.5815,
61.4662

■ 64.5304, 68.5815,
61.4662

430.6744,
455.5536, 447.9351

■ 47.3437, 50.3710,
44.1685

110.4439,
117.1836, 108.5178

■ 33.5165, 35.7082,
30.4648

139.9014,
148.3440, 139.1087

■ 22.6835, 24.2089,
19.9366

174.1799,
184.5898, 174.9679

■ 14.4794, 15.4887,
12.1654

213.6447,
226.3054, 216.5137

■ 8.5388, 9.1631,
6.7325

258.6612,
273.8751, 264.1648

■ 4.4963, 4.8477,
3.2195

309.5948,

■ 1.9865, 2.1582,

327.6835, 318.3397

1.2078

366.8107,
388.1148, 379.4570

■ 0.6264, 0.6970,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5304, 68.5815,
61.4662

■ 64.5304, 68.5815,
61.4662

■ 60.9612, 65.1655,
48.7998

■ 68.5144, 72.2287,
76.1137

■ 57.7846, 61.9643,
38.0235

■ 72.9235, 76.1047,
92.8191

■ 54.9844, 58.9733,
29.0459

■ 76.6928, 79.7865,
105.9659

■ 52.5412, 56.1841,
21.7660

■ 78.0905, 82.5818,
106.4318

■ 50.4336, 53.5876,
16.0731

■ 79.5273, 85.4554,
106.9108

■ 48.6377, 51.1737,
11.8429

■ 81.0036, 88.4080,
107.4028

■ 47.1261, 48.9310,
8.9329

■ 82.5196, 91.4401,
107.9082

■ 45.8659, 46.8456,
7.1716

■ 83.9345, 94.2697,
108.3798

■ 45.0115, 45.3038,
6.3721

Harmonies

Analogous

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



67.0914, 68.5815, 62.3003



64.5304, 68.5815, 61.4662



62.2058, 68.5815, 63.9814

Triad

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



64.5304, 68.5815, 61.4662



61.3357, 68.5815, 83.6777



69.8767, 68.5815, 80.2135

Complementary

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



64.5304, 68.5815, 61.4662



56.5770, 58.6481, 77.4461

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.



68.2571, 68.5815, 86.4953



64.5304, 68.5815, 61.4662



63.3144, 68.5815, 88.5854

Square

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



64.5304, 68.5815, 61.4662



60.3932, 68.5815, 76.5695



65.8433, 68.5815, 89.6491



70.2230, 68.5815, 72.8093

Rectangle

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



64.5304, 68.5815, 61.4662



61.0874, 68.5815, 67.3232



65.8433, 68.5815, 89.6491



69.4611, 68.5815, 82.5404

Sweetspot

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



64.5323, 68.5845, 61.4677



92.7326, 97.9237, 100.2398



60.2181, 58.7919, 63.6186



19.7576, 20.8774, 21.1178



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.



64.5323, 68.5845, 61.4677



86.8419, 92.4768, 78.7480



63.9379, 70.6002, 61.8881



14.6001, 15.4861, 14.5264



26.8218, 27.0814, 3.8136



1.9235, 2.0060, 0.2858

Inverse Universe

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



56.5770, 58.6481, 77.4461



73.5821, 75.9156, 105.3827



57.1121, 56.8896, 77.0785



13.1976, 13.7344, 17.3431



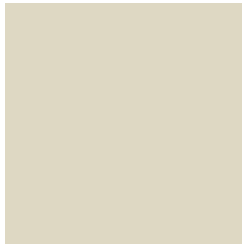
8.5594, 4.5883, 41.4829



0.6598, 0.4510, 2.8975

Previews

White Background



This preview shows how the XYZ color 64.5304, 68.5815, 61.4662 looks on a white background.

Color Contrast Check

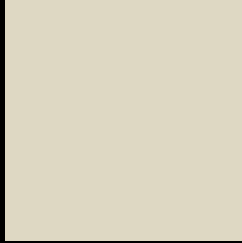
Large Text (above 18pt) WCAG AA × Fail

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 64.5304, 68.5815, 61.4662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

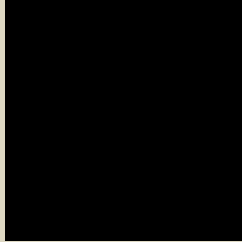
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

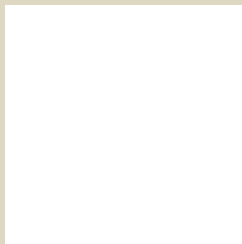
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5304, 68.5815, 61.4662

Background



This preview shows how black text looks on a background with the XYZ color 64.5304, 68.5815, 61.4662.



This preview shows how white text looks on a background with the XYZ color 64.5304, 68.5815,

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

64.5304, 68.5815, 61.4662

Protanopia

65.2021, 68.5486, 61.4244

Deuteranopia

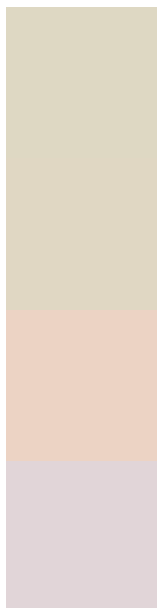
69.9421, 68.3761, 62.3349



Tritanopia

68.9764, 68.5209, 82.9892

Trichromacy



Original Color

64.5304, 68.5815, 61.4662

Protanomaly

64.8912, 68.3883, 61.4099

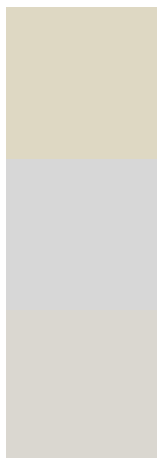
Deuteranomaly

67.8501, 68.4069, 61.8523

Tritanomaly

67.2403, 68.5539, 74.6540

Monochromacy



Original Color

64.5304, 68.5815, 61.4662

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.5990, 68.0604, 69.4067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5304, 68.5815, 61.4662 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(222, 216, 195) looks like.

```
.text, #text, p{  
    color:rgb(222, 216, 195)  
}
```

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(222, 216, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 216, 195) }
```

Border

The CSS property to change the border of an element to XYZ 64.5304, 68.5815, 61.4662 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(222, 216, 195) }
```


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

```
.border{ border-color:rgb(222, 216, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 216, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 216, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 216, 195);  
box-shadow:4px 4px 4px 4px rgb(222, 216,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5304, 68.5815, 61.4662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 216, 195) }
```

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

```
.background{ background-color: rgb(222,  
216, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor