

Converting Colors

XYZ(64.3850, 67.5538, 60.0885)

Have a look what the booklet for
XYZ(64.3850, 67.5538, 60.0885)
contains.

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Color

**XYZ(64.1604, 67.2860,
60.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5C1
RGB	224, 213, 193
RGB Percent	88%, 84%, 76%
CMY	0.1216, 0.1647, 0.2431
CMYK	0.00, 0.05, 0.14, 0.12
HSL	39°, 33%, 82%
HSV	39°, 14%, 88%
XYZ	64.1604, 67.2860, 60.0580
YIQ	214.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

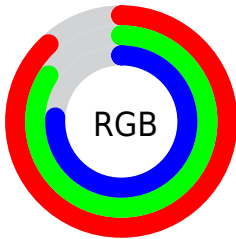
Format	Color
R _Y B	210, 224, 193
Decimal	14734785
CIE Lab	85.65, 0.47, 11.23
CIE LCh	86, 11.244, 87.592
Yxy	67.2860, 0.3350, 0.3514
Android (android.graphics.Color)	4292924865 (0xFFE0D5C1)
YUV	214.0090, -10.3574, 8.7621
Hunter-Lab	82.0280, -3.9306, 14.0096

Details

The XYZ color **64.1604, 67.2860, 60.0580** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0397, 59.9041, 79.0781**, and the grayscale version is **63.9855, 67.3177, 73.3090**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **33.2492, 34.7528, 29.3816** is the 20% darker color. If you saturate the color by 10%, you get **59.8992, 62.4638, 47.2290**, and if you desaturate by 10%, it is **68.9017, 72.4614, 74.9160**.

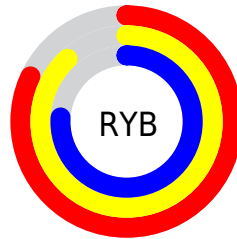
Distribution



Red (88%)

Green (84%)

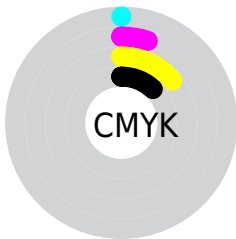
Blue (76%)



Red (82%)

Yellow (88%)

Blue (76%)

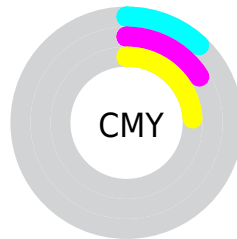


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1604, 67.2860, 60.0580 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 64.1604, 67.2860, 60.0580 by changing the saturation by 10% instead.

■ 64.1604, 67.2860,
60.0580

■ 64.1604, 67.2860,
60.0580

429.3617,
450.9621, 442.6221

■ 47.0428, 49.3171,
43.0398

■ 109.9144,
115.3301, 106.4580

■ 33.2776, 34.8711,
29.5847

139.2814,
146.1741, 136.6769

■ 22.4994, 23.5636,
19.2742

173.4622,
182.0786, 172.1330

■ 14.3430, 15.0102,
11.6898

212.8223,
223.4280, 213.2450

■ 8.4429, 8.8265,
6.4128

257.7269,
270.6066, 260.4314

■ 4.4338, 4.6282,
3.0249

308.5415,

■ 1.9504, 2.0308,

323.9989, 314.1106

1.1074

365.6313,
383.9893, 374.7014

■ 0.6058, 0.6253,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1604, 67.2860,
60.0580

■ 64.1604, 67.2860,
60.0580

■ 59.8992, 62.4638,
47.2290

■ 68.9017, 72.4614,
74.9160

■ 56.0943, 57.9764,
36.3347

■ 74.1350, 77.9902,
91.8827

■ 52.7278, 53.8165,
27.2801

■ 79.0292, 83.5443,
106.5681

■ 49.7785, 49.9734,
19.9600

■ 81.3789, 88.2437,
107.3514

■ 47.2229, 46.4353,
14.2588

■ 83.8318, 93.1495,
108.1690

■ 45.0350, 43.1894,
10.0464

■ 84.5508, 94.5875,
108.4086

■ 43.1848, 40.2211,
7.1726

■ 41.6361, 37.5134,
5.4548

■ 40.7969, 35.9597,
4.7907

Harmonies

Analogous

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



66.6286, 67.2860, 61.9911



64.1604, 67.2860, 60.0580



61.6998, 67.2860, 61.4627

Triad

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



64.1604, 67.2860, 60.0580



59.6881, 67.2860, 79.9904



68.2010, 67.2860, 81.0833

Complementary

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



64.1604, 67.2860, 60.0580



57.0397, 59.9041, 79.0781

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.



66.2611, 67.2860, 86.4846



64.1604, 67.2860, 60.0580



61.3506, 67.2860, 85.8246

Square

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



64.1604, 67.2860, 60.0580



59.1590, 67.2860, 72.6722



63.7467, 67.2860, 88.2743



69.0000, 67.2860, 73.8570

Rectangle

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



64.1604, 67.2860, 60.0580



60.3863, 67.2860, 64.1586



63.7467, 67.2860, 88.2743



67.6582, 67.2860, 83.1904

Sweetspot

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



64.1622, 67.2890, 60.0594



92.3075, 97.0736, 100.0982



60.7545, 58.3655, 65.4221



19.6498, 20.6618, 21.0818



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.



64.1622, 67.2890, 60.0594



84.1289, 88.0945, 74.6260



65.7570, 72.3573, 60.9537



14.4414, 15.1687, 14.4735



23.8586, 21.1552, 2.8259



1.7372, 1.6332, 0.2237

Inverse Universe

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



57.0397, 59.9041, 79.0781



72.5770, 76.1178, 105.4747



55.5864, 55.4111, 78.2875



13.3479, 14.0348, 17.3932



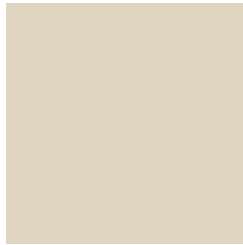
9.5766, 6.6227, 41.8219



0.7462, 0.6238, 2.9263

Previews

White Background



This preview shows how the XYZ color 64.1604, 67.2860, 60.0580 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 64.1604, 67.2860, 60.0580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

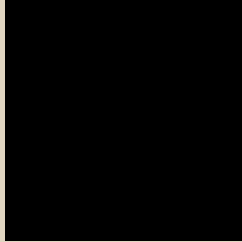
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

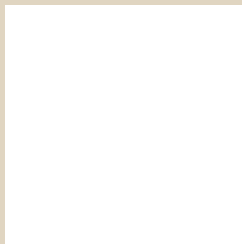
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1604, 67.2860, 60.0580

Background



This preview shows how black text looks on a background with the XYZ color 64.1604, 67.2860, 60.0580.

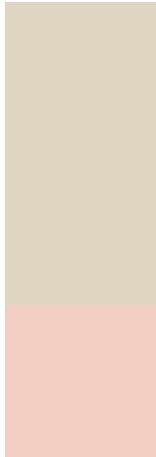


This preview shows how white text looks on a background with the XYZ color 64.1604, 67.2860,

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

64.1604, 67.2860, 60.0580

Protanopia

63.8513, 67.1267, 60.0435

Deuteranopia

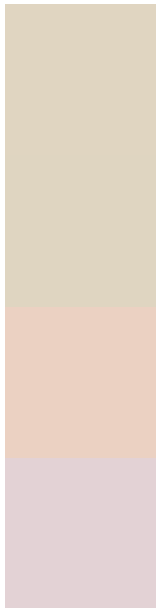
68.4269, 66.9149, 60.3483



Tritanopia

68.1414, 67.0420, 80.5831

Trichromacy



Original Color

64.1604, 67.2860, 60.0580

Protanomaly

63.8513, 67.1267, 60.0435

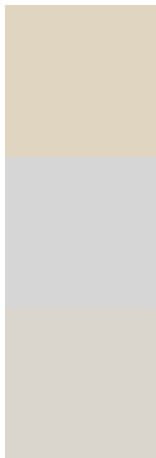
Deuteranomaly

66.7990, 67.1581, 60.4811

Tritanomaly

66.7354, 67.2282, 72.4098

Monochromacy



Original Color

64.1604, 67.2860, 60.0580

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.1006, 67.4548, 68.0341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1604, 67.2860, 60.0580 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(224, 213, 193)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 193)  
}
```

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(224, 213, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 193) }
```

Border

The CSS property to change the border of an element to XYZ 64.1604, 67.2860, 60.0580 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(224, 213, 193) }
```


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

```
.border{ border-color:rgb(224, 213, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 193);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1604, 67.2860, 60.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 193) }
```

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

```
.background{ background-color: rgb(224,  
213, 193) }
```

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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