

Converting Colors

XYZ(64.2592, 66.4096, 66.6224)

Have a look what the booklet for
XYZ(64.2592, 66.4096, 66.6224)
contains.

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Color

**XYZ(64.3175, 66.4778,
66.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	DED3CC
RGB	222, 211, 204
RGB Percent	87%, 83%, 80%
CMY	0.1294, 0.1725, 0.2000
CMYK	0.00, 0.05, 0.08, 0.13
HSL	23°, 21%, 84%
HSV	23°, 8%, 87%
XYZ	64.3175, 66.4778, 66.5683
YIQ	213.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

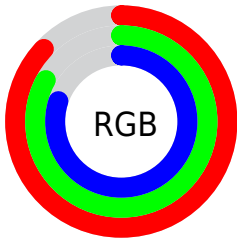
Format	Color
RYB	222, 215, 204
Decimal	14603212
CIELab	85.24, 2.59, 4.81
CIELCh	85, 5.459, 61.662
Yxy	66.4778, 0.3259, 0.3368
Android (android.graphics.Color)	4292793292 (0xFFDED3CC)
YUV	213.4910, -4.6791, 7.4624
Hunter-Lab	81.5339, -1.8758, 8.6665

Details

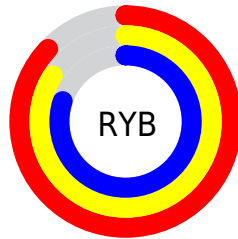
The XYZ color **64.3175, 66.4778, 66.5683** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3868, 66.7107, 78.6961**, and the grayscale version is **63.6025, 66.9147, 72.8702**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4983, 34.5314, 33.7538** is the 20% darker color. If you saturate the color by 10%, you get **58.6147, 59.0334, 52.4537**, and if you desaturate by 10%, it is **70.6879, 74.6483, 82.7795**.

Distribution



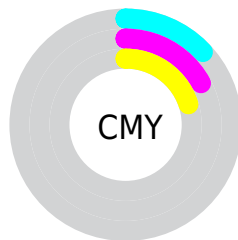
- Red (87%)
- Green (83%)
- Blue (80%)



- Red (87%)
- Yellow (84%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3175, 66.4778, 66.5683 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 64.3175, 66.4778, 66.5683 by changing the saturation by 10% instead.

■ 64.3175, 66.4778,
66.5683

■ 64.3175, 66.4778,
66.5683

429.9194,
448.0837, 466.8662

■ 47.1705, 48.6604,
48.2745

110.1392,
114.1718, 115.9364

■ 33.3790, 34.3501,
33.6828

139.5447,
144.8172, 147.8477

■ 22.5776, 23.1627,
22.3746

173.7671,
180.5074, 185.1353

■ 14.4009, 14.7137,
13.9315

213.1716,
221.6267, 228.2177

■ 8.4836, 8.6187,
7.9348

258.1238,
268.5596, 277.5135

■ 4.4603, 4.4933,
3.9661

308.9889,

■ 1.9657, 1.9532,

321.6905, 333.4411

1.6068

366.1323,
381.4037, 396.4192

■ 0.6146, 0.5801,
0.2956

■ 0.0000, 0.0000,
0.0000

■ 64.3175, 66.4778,
66.5683

■ 64.3175, 66.4778,
66.5683

■ 58.6147, 59.0334,
52.4537

■ 70.6879, 74.6483,
82.7795

■ 53.5509, 52.2862,
40.3449

■ 77.7420, 83.5558,
101.1644

■ 49.1037, 46.2175,
30.1509

■ 82.8875, 92.1757,
108.0308

■ 45.2470, 40.8050,
21.7718

■ 83.9344, 94.2697,
108.3798

■ 41.9526, 36.0247,
15.0985

■ 39.1899, 31.8511,
10.0101

■ 36.9246, 28.2564,
6.3697

■ 35.1175, 25.2103,
4.0161

■ 33.7160, 22.6759,
2.7205

Harmonies

Analogous

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



65.2252, 66.4778, 68.8762



64.3175, 66.4778, 66.5683



63.1164, 66.4778, 65.8043

Triad

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



64.3175, 66.4778, 66.5683



60.8442, 66.4778, 72.5802



64.4381, 66.4778, 78.3190

Complementary

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



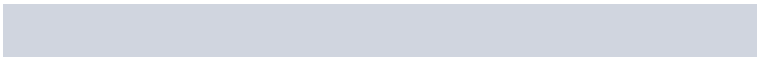
64.3175, 66.4778, 66.5683



62.3868, 66.7107, 78.6961

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.



63.2540, 66.4778, 79.3863



64.3175, 66.4778, 66.5683



61.1881, 66.4778, 76.0069

Square

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



64.3175, 66.4778, 66.5683



61.1208, 66.4778, 69.2069



62.0662, 66.4778, 78.5269



65.2955, 66.4778, 75.6549

Rectangle

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



64.3175, 66.4778, 66.5683



62.3138, 66.4778, 66.2527



62.0662, 66.4778, 78.5269



64.0646, 66.4778, 78.8803

Sweetspot

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



64.3193, 66.4807, 66.5697



93.2538, 97.7042, 104.3041



63.9964, 63.6276, 73.2665



19.9790, 20.9369, 22.3735



0.0000, 0.0000, 0.0000



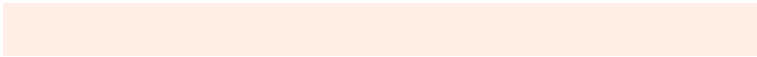
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3193, 66.4807, 66.5697



86.4432, 88.9260, 87.1037



66.5909, 71.0238, 67.3269



14.1424, 14.5709, 14.3739



19.9887, 13.4153, 1.5359



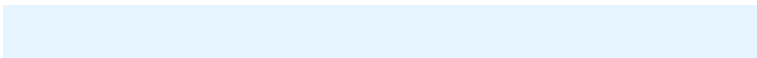
1.4707, 1.1002, 0.1348

Inverse Universe

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



62.3868, 66.7107, 78.6961



83.1986, 89.3119, 107.4616



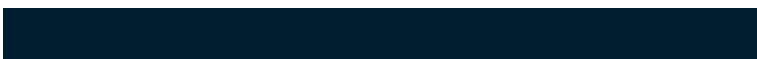
60.1829, 62.3030, 77.9615



13.6454, 14.6300, 17.4924



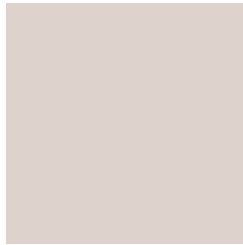
13.1397, 13.7489, 43.0096



0.9970, 1.1254, 3.0099

Previews

White Background



This preview shows how the XYZ color 64.3175, 66.4778, 66.5683 looks on a white background.

Color Contrast Check

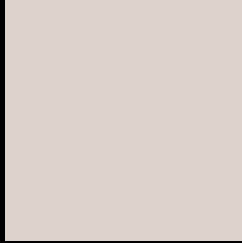
Large Text (above 18pt) WCAG AA × Fail

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 64.3175, 66.4778, 66.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

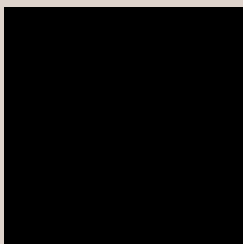
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

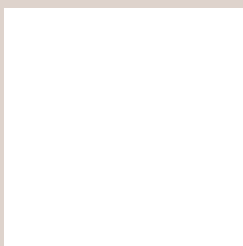
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3175, 66.4778, 66.5683

Background



This preview shows how black text looks on a background with the XYZ color 64.3175, 66.4778, 66.5683.

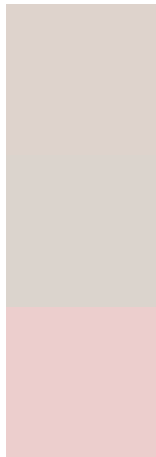


This preview shows how white text looks on a background with the XYZ color 64.3175, 66.4778,

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

64.3175, 66.4778, 66.5683

Protanopia

63.7763, 66.5548, 67.2426

Deuteranopia

67.6828, 66.3833, 67.0036



Tritanopia

67.0618, 66.5011, 79.8225

Trichromacy



Original Color

64.3175, 66.4778, 66.5683

Protanomaly

64.0781, 66.7104, 67.2567

Deuteranomaly

66.5303, 66.5085, 67.0885

Tritanomaly

66.0653, 66.4580, 74.9913

Monochromacy



Original Color

64.3175, 66.4778, 66.5683

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.4952, 66.3390, 70.4309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3175, 66.4778, 66.5683 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, 211, 204) looks like.

```
.text, #text, p{  
    color:rgb(222, 211, 204)  
}
```

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, 211, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 211, 204) }
```

Border

The CSS property to change the border of an element to XYZ 64.3175, 66.4778, 66.5683 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, 211, 204) }
```


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

```
.border{ border-color:rgb(222, 211, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 211, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 211, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 211, 204);  
box-shadow:4px 4px 4px 4px rgb(222, 211,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3175, 66.4778, 66.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 211, 204) }
```

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

```
.background{ background-color: rgb(222,  
211, 204) }
```

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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