

Converting Colors

XYZ(63.4372, 66.5056, 65.4424)

Have a look what the booklet for
XYZ(63.4372, 66.5056, 65.4424)
contains.

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Color

**XYZ(63.4176, 66.4113,
65.3533)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD4CA
RGB	219, 212, 202
RGB Percent	86%, 83%, 79%
CMY	0.1412, 0.1686, 0.2078
CMYK	0.00, 0.03, 0.08, 0.14
HSL	35°, 19%, 83%
HSV	35°, 8%, 86%
XYZ	63.4176, 66.4113, 65.3533
YIQ	212.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

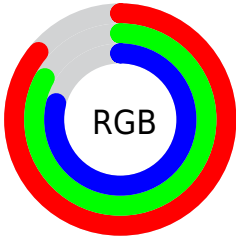
Format	Color
R _Y B	214, 219, 202
Decimal	14406858
CIE Lab	85.21, 0.68, 5.79
CIE LCh	85, 5.826, 83.297
Yxy	66.4113, 0.3249, 0.3403
Android (android.graphics.Color)	4292596938 (0xFFDBD4CA)
YUV	212.9530, -5.3998, 5.3032
Hunter-Lab	81.4931, -3.7050, 9.4977

Details

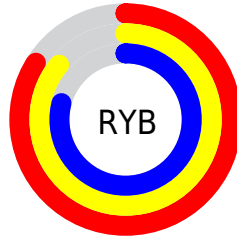
The XYZ color **63.4176, 66.4113, 65.3533** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9437, 63.2710, 76.0718**, and the grayscale version is **63.2475, 66.5413, 72.4635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7121, 34.1446, 32.8834** is the 20% darker color. If you saturate the color by 10%, you get **58.8165, 61.0681, 51.9216**, and if you desaturate by 10%, it is **68.5162, 72.1591, 80.7680**.

Distribution



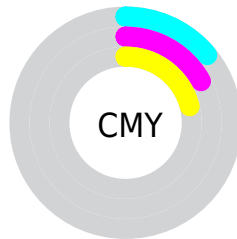
- Red (86%)
- Green (83%)
- Blue (79%)



- Red (84%)
- Yellow (86%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4176, 66.4113, 65.3533 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 63.4176, 66.4113, 65.3533 by changing the saturation by 10% instead.

■ 63.4176, 66.4113,
65.3533

■ 63.4176, 66.4113,
65.3533

426.7191,
447.8464, 462.4014

■ 46.4390, 48.6064,
47.2945

108.8502,
114.0765, 114.1758

■ 32.7985, 34.3073,
32.9125

138.0349,
144.7055, 145.7765

■ 22.1306, 23.1298,
21.7888

172.0191,
180.3780, 182.7282

■ 14.0701, 14.6894,
13.5050

211.1681,
221.4783, 225.4496

■ 8.2514, 8.6017,
7.6424

255.8472,
268.3909, 274.3590

■ 4.3094, 4.4823,
3.7825

306.4219,

■ 1.8786, 1.9468,

321.5002, 329.8751

1.5068

363.2574,
381.1906, 392.4164

■ 0.5644, 0.5763,
0.2230

■ 0.0000, 0.0000,
0.0000

■ 63.4176, 66.4113,
65.3533

■ 63.4176, 66.4113,
65.3533

■ 58.8165, 61.0681,
51.9216

■ 68.5162, 72.1591,
80.7680

■ 54.6900, 56.1105,
40.3866

■ 74.1232, 78.3126,
98.2385

■ 51.0213, 51.5307,
30.6622

■ 78.1429, 84.0386,
106.7102

■ 47.7904, 47.3172,
22.6538

■ 80.8484, 89.4494,
107.6120

■ 44.9756, 43.4580,
16.2582

■ 83.0238, 93.8003,
108.3372

■ 42.5532, 39.9397,
11.3606

■ 40.4961, 36.7480,
7.8314

■ 38.7734, 33.8666,
5.5182

■ 37.3424, 31.2744,
4.2091

Harmonies

Analogous

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



64.6455, 66.4113, 66.6579



63.4176, 66.4113, 65.3533



62.1270, 66.4113, 65.8603

Triad

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



63.4176, 66.4113, 65.3533



60.8276, 66.4113, 75.2131



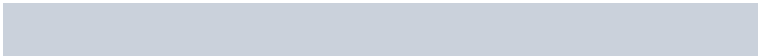
65.1713, 66.4113, 76.7263

Complementary

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



63.4176, 66.4113, 65.3533



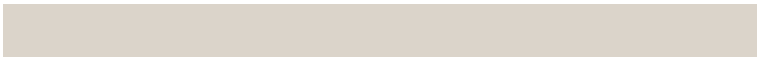
59.9437, 63.2710, 76.0718

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.



64.1274, 66.4113, 79.1689



63.4176, 66.4113, 65.3533



61.6225, 66.4113, 78.2742

Square

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



63.4176, 66.4113, 65.3533



60.6435, 66.4113, 71.4685



62.8272, 66.4113, 79.7450



65.6671, 66.4113, 73.1593

Rectangle

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



63.4176, 66.4113, 65.3533



61.4035, 66.4113, 67.1664



62.8272, 66.4113, 79.7450



64.8722, 66.4113, 77.7111

Sweetspot

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



63.4194, 66.4142, 65.3547



93.5737, 98.3440, 104.4107



61.8538, 61.9097, 69.0663



20.0441, 21.0671, 22.3952



0.0000, 0.0000, 0.0000



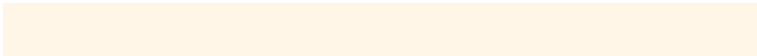
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4194, 66.4142, 65.3547



88.6333, 92.7304, 89.6084



64.7820, 69.7695, 65.9305



13.6896, 14.3186, 13.7678



22.0775, 18.4405, 2.3958



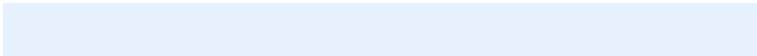
1.5144, 1.3629, 0.1832

Inverse Universe

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



59.9437, 63.2710, 76.0718



82.9469, 87.5881, 107.1422



58.6499, 60.1116, 75.5302



12.7766, 13.4929, 16.5831



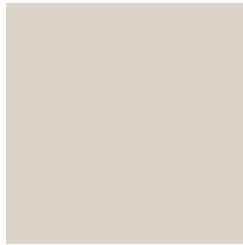
9.8578, 7.5851, 40.6829



0.7222, 0.6585, 2.6635

Previews

White Background



This preview shows how the XYZ color 63.4176, 66.4113, 65.3533 looks on a white background.

Color Contrast Check

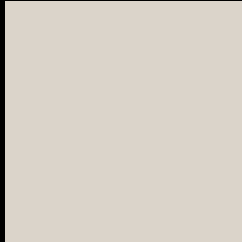
Large Text (above 18pt) WCAG AA × Fail

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 63.4176, 66.4113, 65.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

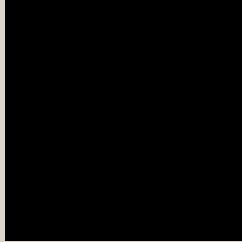
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4176, 66.4113, 65.3533

Background



This preview shows how black text looks on a background with the XYZ color 63.4176, 66.4113, 65.3533.

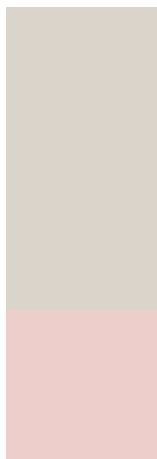


This preview shows how white text looks on a background with the XYZ color 63.4176, 66.4113,

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

63.4176, 66.4113, 65.3533

Protanopia

63.4176, 66.4113, 65.3533

Deuteranopia

67.7759, 66.4589, 65.7556



Tritanopia

66.5153, 66.5668, 80.5771

Trichromacy



Original Color

63.4176, 66.4113, 65.3533

Protanomaly

63.4176, 66.4113, 65.3533

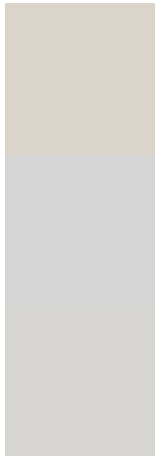
Deuteranomaly

65.9685, 66.2465, 65.8099

Tritanomaly

65.3898, 66.4751, 75.0302

Monochromacy



Original Color

63.4176, 66.4113, 65.3533

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3272, 66.6390, 69.8465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4176, 66.4113, 65.3533 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(219, 212, 202) looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 202)  
}
```

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(219, 212, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 202) }
```

Border

The CSS property to change the border of an element to XYZ 63.4176, 66.4113, 65.3533 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(219, 212, 202) }
```


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

```
.border{ border-color:rgb(219, 212, 202) }
```

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

Here you see how a box with a 4 pixel rgb(219, 212, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 212, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 212, 202);  
box-shadow:4px 4px 4px 4px rgb(219, 212,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4176, 66.4113, 65.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 202) }
```

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

```
.background{ background-color: rgb(219,  
212, 202) }
```

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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