

Converting Colors

XYZ(63.2616, 65.3684, 67.2459)

Have a look what the booklet for
XYZ(63.2616, 65.3684, 67.2459)
contains.

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Color

**XYZ(63.2795, 65.5610,
67.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD2CD
RGB	219, 210, 205
RGB Percent	86%, 82%, 80%
CMY	0.1412, 0.1765, 0.1961
CMYK	0.00, 0.04, 0.06, 0.14
HSL	21°, 16%, 83%
HSV	21°, 6%, 86%
XYZ	63.2795, 65.5610, 67.0770
YIQ	212.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

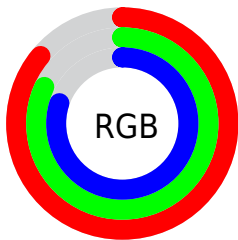
Format	Color
R _Y B	219, 213, 205
Decimal	14406349
CIE Lab	84.77, 2.23, 3.57
CIE LCh	85, 4.209, 57.964
Yxy	65.5610, 0.3230, 0.3346
Android (android.graphics.Color)	4292596429 (0xFFDDBD2CD)
YUV	212.1210, -3.5107, 6.0329
Hunter-Lab	80.9697, -2.1957, 7.5618

Details

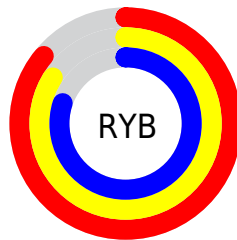
The XYZ color **63.2795, 65.5610, 67.0770** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0097, 66.1859, 76.5257**, and the grayscale version is **62.6806, 65.9449, 71.8140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7842, 33.9038, 34.0943** is the 20% darker color. If you saturate the color by 10%, you get **57.4963, 57.9327, 53.0069**, and if you desaturate by 10%, it is **69.7421, 73.9542, 83.2007**.

Distribution



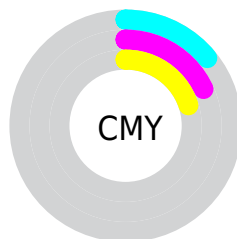
- Red (86%)
- Green (82%)
- Blue (80%)



- Red (86%)
- Yellow (84%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2795, 65.5610, 67.0770 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 63.2795, 65.5610, 67.0770 by changing the saturation by 10% instead.

■ 63.2795, 65.5610,
67.0770

■ 63.2795, 65.5610,
67.0770

426.2267,
444.8052, 468.7278

■ 46.3269, 47.9161,
48.6852

108.6522,
112.8560, 116.6724

■ 32.7095, 33.7605,
34.0060

137.8030,
143.2749, 148.7132

■ 22.0622, 22.7096,
22.6208

171.7505,
178.7207, 186.1406

■ 14.0195, 14.3793,
14.1111

210.8601,
219.5776, 229.3733

■ 8.2160, 8.3849,
8.0583

255.4972,
266.2301, 278.8299

■ 4.2864, 4.3422,
4.0440

306.0270,

■ 1.8654, 1.8668,

319.0627, 334.9288

1.6495

362.8151,
378.4595, 398.0885

■ 0.5566, 0.5283,
0.3258

■ 0.0000, 0.0000,
0.0000

■ 63.2795, 65.5610,
67.0770

■ 63.2795, 65.5610,
67.0770

■ 57.4963, 57.9327,
53.0069

■ 69.7421, 73.9542,
83.2007

■ 52.3637, 51.0388,
40.9030

■ 76.9004, 83.1246,
101.4521

■ 47.8593, 44.8595,
30.6779

■ 82.1447, 92.0419,
108.0441

■ 43.9567, 39.3707,
22.2361

■ 83.0238, 93.8003,
108.3372

■ 40.6278, 34.5468,
15.4731

■ 37.8421, 30.3606,
10.2739

■ 35.5655, 26.7826,
6.5086

■ 33.7594, 23.7804,
4.0257

■ 32.3771, 21.3175,
2.6351

Harmonies

Analogous

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



63.9273, 65.5610, 68.9798



63.2795, 65.5610, 67.0770



62.3781, 65.5610, 66.3251

Triad

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



63.2795, 65.5610, 67.0770



60.5211, 65.5610, 71.2007



63.1670, 65.5610, 76.0652

Complementary

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



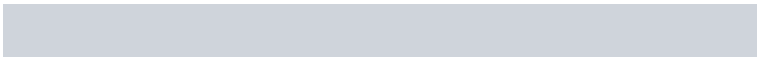
63.2795, 65.5610, 67.0770



62.0097, 66.1859, 76.5257

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.



62.2495, 65.5610, 76.6954



63.2795, 65.5610, 67.0770



60.7276, 65.5610, 73.8450

Square

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



63.2795, 65.5610, 67.0770



60.7909, 65.5610, 68.6684



61.3579, 65.5610, 75.8732



63.8619, 65.5610, 74.1719

Rectangle

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



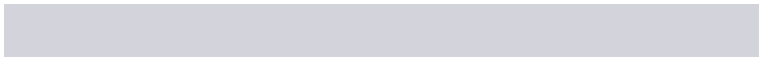
63.2795, 65.5610, 67.0770



61.7568, 65.5610, 66.5631



61.3579, 65.5610, 75.8732



62.8741, 65.5610, 76.4339

Sweetspot

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



63.2813, 65.5639, 67.0784



93.2030, 97.6026, 104.2872



63.1961, 63.5839, 72.6284



19.9687, 20.9162, 22.3701



0.0000, 0.0000, 0.0000



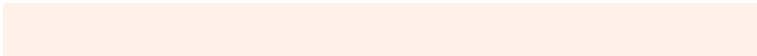
20.3446, 21.4041, 23.3091

Same Dimension

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



63.2813, 65.5639, 67.0784



87.8973, 90.6745, 91.1638



65.0209, 69.0430, 67.6583



13.4350, 13.8093, 13.6829



19.0434, 12.3723, 1.3844



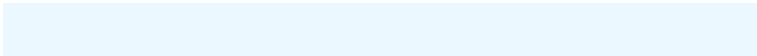
1.3136, 0.9612, 0.1163

Inverse Universe

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



62.0097, 66.1859, 76.5257



85.6570, 91.7702, 107.8065



60.3011, 62.7688, 75.9562



13.0331, 14.0058, 16.6686



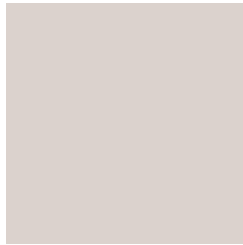
13.3127, 14.4948, 41.8345



0.9428, 1.0997, 2.7370

Previews

White Background



This preview shows how the XYZ color 63.2795, 65.5610, 67.0770 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 63.2795, 65.5610, 67.0770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

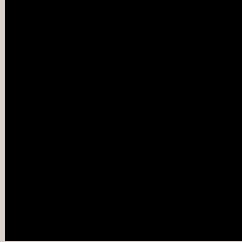
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2795, 65.5610, 67.0770

Background



This preview shows how black text looks on a background with the XYZ color 63.2795, 65.5610, 67.0770.

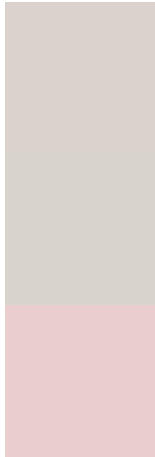


This preview shows how white text looks on a background with the XYZ color 63.2795, 65.5610,

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

63.2795, 65.5610, 67.0770

Protanopia

62.9290, 65.7480, 67.1315

Deuteranopia

66.9036, 65.6113, 67.5306



Tritanopia

65.7563, 65.4830, 78.9858

Trichromacy



Original Color

63.2795, 65.5610, 67.0770

Protanomaly

63.2272, 65.9017, 67.1455

Deuteranomaly

65.7665, 65.7399, 67.6153

Tritanomaly

64.7693, 65.4418, 74.1836

Monochromacy



Original Color

63.2795, 65.5610, 67.0770

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.8272, 65.6391, 69.6799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2795, 65.5610, 67.0770 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, 210, 205) looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 205)  
}
```

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, 210, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 205) }
```

Border

The CSS property to change the border of an element to XYZ 63.2795, 65.5610, 67.0770 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, 210, 205) }
```


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

```
.border{ border-color:rgb(219, 210, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 210, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 205);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2795, 65.5610, 67.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 205) }
```

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

```
.background{ background-color: rgb(219,  
210, 205) }
```

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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