

Converting Colors

XYZ(65.3591, 67.0392, 66.2606)

Have a look what the booklet for
XYZ(65.3591, 67.0392, 66.2606)
contains.

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Color

**XYZ(65.4378, 67.0691,
65.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D3CB
RGB	226, 211, 203
RGB Percent	89%, 83%, 80%
CMY	0.1137, 0.1725, 0.2039
CMYK	0.00, 0.07, 0.10, 0.11
HSL	21°, 28%, 84%
HSV	21°, 10%, 89%
XYZ	65.4378, 67.0691, 65.9966
YIQ	214.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

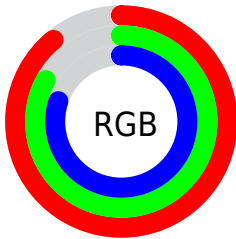
Format	Color
R _Y B	226, 215, 203
Decimal	14865355
CIE Lab	85.54, 3.84, 5.81
CIE LCh	86, 6.960, 56.563
Yxy	67.0691, 0.3297, 0.3379
Android (android.graphics.Color)	4293055435 (0xFFE2D3CB)
YUV	214.5730, -5.7055, 10.0215
Hunter-Lab	81.8957, -0.6892, 9.5475

Details

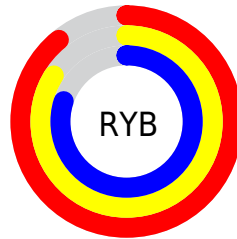
The XYZ color **65.4378, 67.0691, 65.9966** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4273, 68.3290, 81.7981**, and the grayscale version is **64.3361, 67.6866, 73.7107**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2764, 34.9418, 33.3717** is the 20% darker color. If you saturate the color by 10%, you get **59.4445, 59.0825, 51.6658**, and if you desaturate by 10%, it is **72.1631, 75.8898, 82.5100**.

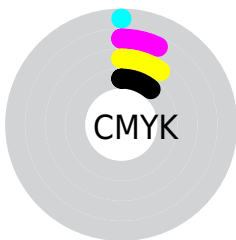
Distribution



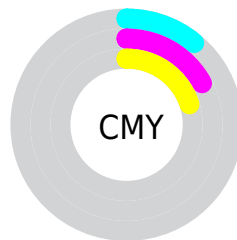
- Red (89%)
- Green (83%)
- Blue (80%)



- Red (89%)
- Yellow (84%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4378, 67.0691, 65.9966 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 65.4378, 67.0691, 65.9966 by changing the saturation by 10% instead.

65.4378, 67.0691,
65.9966

65.4378, 67.0691,
65.9966

433.8840,
450.1907, 464.7686

48.0822, 49.1408,
47.8132

111.7413,
115.0194, 115.1084

34.1035, 34.7312,
33.3200

141.4198,
145.8102, 146.8739

23.1364, 23.4559,
22.0986

175.9367,
181.6573, 184.0038

14.8155, 14.9305,
13.7304

215.6573,
222.9450, 226.9166

8.7755, 8.7706,
7.7968

260.9470,
270.0579, 276.0310

4.6510, 4.5919,
3.8793

312.1711,

2.0766, 2.0098,

323.3801, 331.7654

1.5593

369.6950,
383.2963, 394.5385

■ 0.6764, 0.6132,
0.2616

■ 0.0000, 0.0000,
0.0000

■ 65.4378, 67.0691,
65.9966

■ 65.4378, 67.0691,
65.9966

■ 59.4445, 59.0825,
51.6658

■ 72.1631, 75.8898,
82.5100

■ 54.1517, 51.8966,
39.4211

■ 79.6393, 85.5594,
101.2883

■ 49.5338, 45.4881,
29.1654

■ 85.1743, 94.9089,
108.4378

■ 45.5614, 39.8298,
20.7919

■ 42.2025, 34.8924,
14.1837

■ 39.4223, 30.6446,
9.2107

■ 37.1820, 27.0524,
5.7245

■ 35.4364, 24.0782,
3.5491

■ 34.1351, 21.7105,
2.3914

Harmonies

Analogous

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



66.5064, 67.0691, 69.2006



65.4378, 67.0691, 65.9966



63.9297, 67.0691, 64.6726

Triad

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



65.4378, 67.0691, 65.9966



60.7592, 67.0691, 72.5058



65.1169, 67.0691, 81.0982

Complementary

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



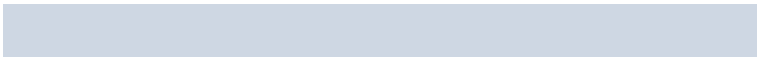
65.4378, 67.0691, 65.9966



63.4273, 68.3290, 81.7981

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.



63.5650, 67.0691, 82.0712



65.4378, 67.0691, 65.9966



61.0653, 67.0691, 76.9916

Square

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



65.4378, 67.0691, 65.9966



61.2427, 67.0691, 68.3316



62.0859, 67.0691, 80.5394



66.3190, 67.0691, 77.9324

Rectangle

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



65.4378, 67.0691, 65.9966



62.8841, 67.0691, 64.9920



62.0859, 67.0691, 80.5394



64.6181, 67.0691, 81.6981

Sweetspot

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



65.4397, 67.0721, 65.9980



92.2720, 96.3759, 102.0183



65.4194, 63.9610, 75.4571



19.5943, 20.4248, 21.4522



0.0000, 0.0000, 0.0000



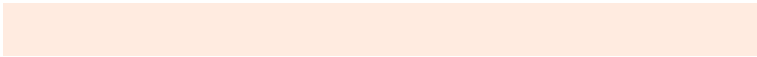
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4397, 67.0721, 65.9980



84.4712, 86.1083, 82.9742



68.3099, 72.8125, 66.9548



14.0954, 14.4767, 14.3582



19.5743, 12.5866, 1.3978



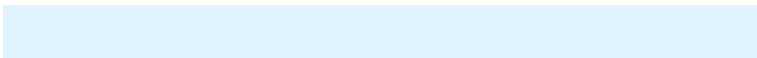
1.4386, 1.0360, 0.1241

Inverse Universe

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



63.4273, 68.3290, 81.7981



81.3710, 88.0441, 107.3132



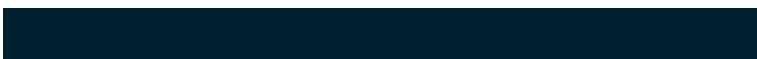
60.6294, 62.7334, 80.8655



13.6941, 14.7274, 17.5086



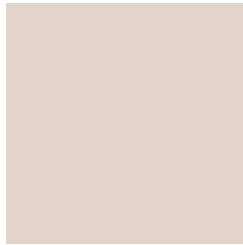
13.9302, 15.3299, 43.2731



1.0484, 1.2282, 3.0270

Previews

White Background



This preview shows how the XYZ color 65.4378, 67.0691, 65.9966 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 65.4378, 67.0691, 65.9966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

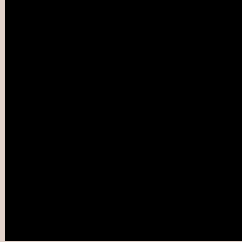
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4378, 67.0691, 65.9966

Background



This preview shows how black text looks on a background with the XYZ color 65.4378, 67.0691, 65.9966.

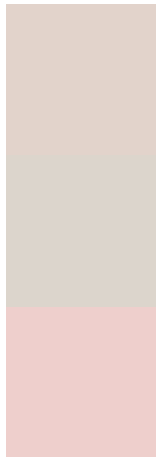


This preview shows how white text looks on a background with the XYZ color 65.4378, 67.0691,

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

65.4378, 67.0691, 65.9966

Protanopia

64.2085, 67.1638, 66.7065

Deuteranopia

68.4718, 67.1624, 66.4815



Tritanopia

68.3235, 67.1516, 79.8815

Trichromacy



Original Color

65.4378, 67.0691, 65.9966

Protanomaly

64.5668, 66.9762, 66.6514

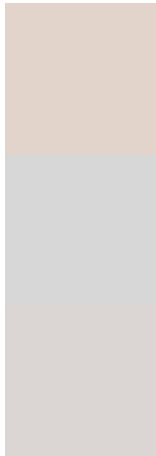
Deuteranomaly

67.3866, 66.9638, 66.5004

Tritanomaly

67.1900, 67.0528, 74.3669

Monochromacy



Original Color

65.4378, 67.0691, 65.9966

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.0179, 67.8564, 71.2988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4378, 67.0691, 65.9966 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(226, 211, 203) looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 203)  
}
```

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(226, 211, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 203) }
```

Border

The CSS property to change the border of an element to XYZ 65.4378, 67.0691, 65.9966 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(226, 211, 203) }
```


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

```
.border{ border-color:rgb(226, 211, 203) }
```

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

Here you see how a box with a 4 pixel rgb(226, 211, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 211, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 211, 203);  
box-shadow:4px 4px 4px 4px rgb(226, 211,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4378, 67.0691, 65.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 211, 203) }
```

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

```
.background{ background-color: rgb(226,  
211, 203) }
```

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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