

Converting Colors

XYZ(65.1248, 67.6361, 66.7494)

Have a look what the booklet for
XYZ(65.1248, 67.6361, 66.7494)
contains.

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Color

**XYZ(65.1248, 67.6361,
66.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD5CC
RGB	223, 213, 204
RGB Percent	87%, 84%, 80%
CMY	0.1255, 0.1647, 0.2000
CMYK	0.00, 0.04, 0.09, 0.13
HSL	28°, 23%, 84%
HSV	28°, 9%, 87%
XYZ	65.1248, 67.6361, 66.7494
YIQ	214.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

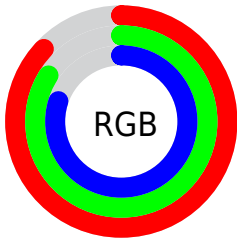
Format	Color
RYB	223, 221, 204
Decimal	14669260
CIELab	85.82, 1.90, 5.66
CIElCh	86, 5.970, 71.437
Yxy	67.6361, 0.3264, 0.3390
Android (android.graphics.Color)	4292859340 (0xFFDFD5CC)
YUV	214.9640, -5.4053, 7.0476
Hunter-Lab	82.2412, -2.5722, 9.4473

Details

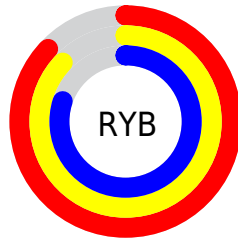
The XYZ color **65.1248, 67.6361, 66.7494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2677, 66.2573, 79.3200**, and the grayscale version is **64.5998, 67.9640, 74.0128**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8803, 34.9806, 33.8204** is the 20% darker color. If you saturate the color by 10%, you get **59.7948, 60.9539, 52.7082**, and if you desaturate by 10%, it is **71.0551, 74.9044, 82.8818**.

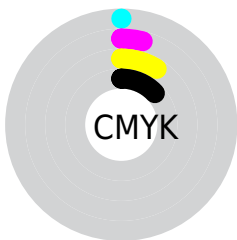
Distribution



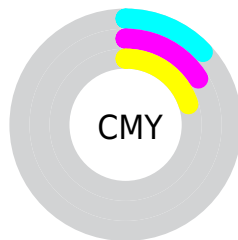
- Red (87%)
- Green (84%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1248, 67.6361, 66.7494 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 65.1248, 67.6361, 66.7494 by changing the saturation by 10% instead.

■ 65.1248, 67.6361,
66.7494

■ 65.1248, 67.6361,
66.7494

432.7784,
452.2056, 467.5294

■ 47.8274, 49.6017,
48.4207

111.2940,
115.8314, 116.1985

■ 33.9009, 35.0971,
33.7978

140.8964,
146.7611, 148.1559

■ 22.9800, 23.7377,
22.4622

175.3312,
182.7581, 185.4934

■ 14.6993, 15.1391,
13.9954

214.9638,
224.2068, 228.6294

■ 8.6936, 8.9171,
7.9787

260.1594,
271.4914, 277.9824

■ 4.5974, 4.6871,
3.9938

311.2835,

■ 2.0453, 2.0649,

324.9965, 333.9711

1.6219

368.7014,
385.1065, 397.0139

■ 0.6592, 0.6448,
0.3064

■ 0.0000, 0.0000,
0.0000

■ 65.1248, 67.6361,
66.7494

■ 65.1248, 67.6361,
66.7494

■ 59.7948, 60.9539,
52.7082

■ 71.0551, 74.9044,
82.8818

■ 55.0388, 54.8336,
40.6669

■ 77.5996, 82.7648,
101.1826

■ 50.8367, 49.2618,
30.5341

■ 82.1114, 90.1675,
107.6841

■ 47.1649, 44.2215,
22.2095

■ 84.2418, 94.4282,
108.3942

■ 43.9980, 39.6945,
15.5833

■ 41.3079, 35.6613,
10.5338

■ 39.0633, 32.1009,
6.9228

■ 37.2281, 28.9896,
4.5875

■ 35.7509, 26.2974,
3.2864

Harmonies

Analogous

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



66.2728, 67.6361, 68.7833



65.1248, 67.6361, 66.7494



63.7673, 67.6361, 66.5233

Triad

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



65.1248, 67.6361, 66.7494



61.7491, 67.6361, 75.1440



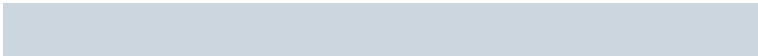
66.0378, 67.6361, 79.4212

Complementary

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



65.1248, 67.6361, 66.7494



62.2677, 66.2573, 79.3200

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.



64.8077, 67.6361, 81.2560



65.1248, 67.6361, 66.7494



62.3395, 67.6361, 78.7289

Square

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



65.1248, 67.6361, 66.7494



61.8312, 67.6361, 71.2784



63.4546, 67.6361, 80.9982



66.8051, 67.6361, 76.0618

Rectangle

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



65.1248, 67.6361, 66.7494



62.9276, 67.6361, 67.4184



63.4546, 67.6361, 80.9982



65.6640, 67.6361, 80.2420

Sweetspot

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



65.1267, 67.6391, 66.7509



92.5720, 96.9759, 102.1183



64.1799, 63.7366, 72.6283



19.6752, 20.5865, 21.4792



0.0000, 0.0000, 0.0000



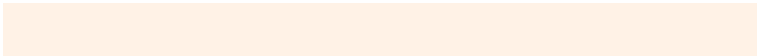
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1267, 67.6391, 66.7509



87.0813, 90.2021, 87.3164



67.5502, 72.4861, 67.5587



14.2403, 14.7665, 14.4065



21.0157, 15.4692, 1.8782



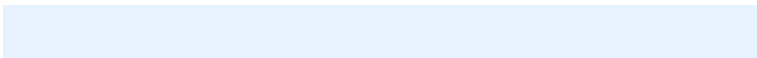
1.5459, 1.2506, 0.1599

Inverse Universe

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



62.2677, 66.2573, 79.3200



82.5483, 88.0112, 107.2448



59.9658, 61.6536, 78.5527



13.5459, 14.4309, 17.4592



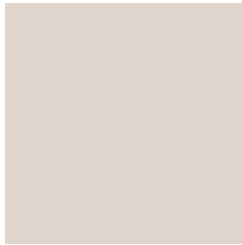
11.7082, 10.8859, 42.5325



0.9010, 0.9335, 2.9779

Previews

White Background



This preview shows how the XYZ color 65.1248, 67.6361, 66.7494 looks on a white background.

Color Contrast Check

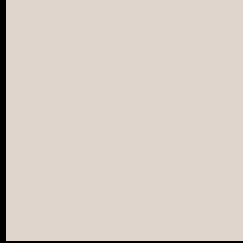
Large Text (above 18pt) WCAG AA × Fail

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 65.1248, 67.6361, 66.7494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

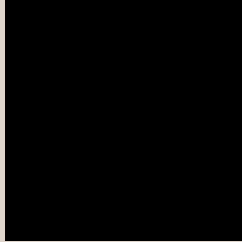
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1248, 67.6361, 66.7494

Background



This preview shows how black text looks on a background with the XYZ color 65.1248, 67.6361, 66.7494.

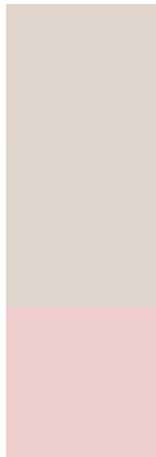


This preview shows how white text looks on a background with the XYZ color 65.1248, 67.6361,

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

65.1248, 67.6361, 66.7494

Protanopia

64.7644, 67.8249, 66.8048

Deuteranopia

68.9289, 67.3841, 67.1311



Tritanopia

68.1381, 67.7529, 81.4379

Trichromacy



Original Color

65.1248, 67.6361, 66.7494

Protanomaly

65.0699, 67.9824, 66.8191

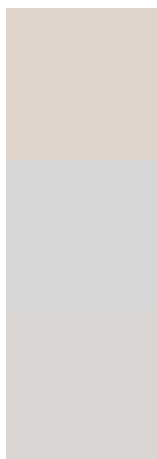
Deuteranomaly

67.4242, 67.3323, 67.2004

Tritanomaly

67.0005, 67.6580, 75.8577

Monochromacy



Original Color

65.1248, 67.6361, 66.7494

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.7179, 67.7017, 71.2848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1248, 67.6361, 66.7494 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(223, 213, 204)` looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 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(223, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 204) }
```

Border

The CSS property to change the border of an element to XYZ 65.1248, 67.6361, 66.7494 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(223, 213, 204) }
```


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

```
.border{ border-color:rgb(223, 213, 204) }
```

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

Here you see how a box with a 4 pixel rgb(223, 213, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 213, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 213, 204);  
box-shadow:4px 4px 4px 4px rgb(223, 213,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1248, 67.6361, 66.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 204) }
```

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

```
.background{ background-color: rgb(223,  
213, 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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