

Converting Colors

XYZ(65.4675, 66.4446, 66.6618)

Have a look what the booklet for
XYZ(65.4675, 66.4446, 66.6618)
contains.

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Color

**XYZ(65.3781, 66.2915,
66.4765)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D1CC
RGB	227, 209, 204
RGB Percent	89%, 82%, 80%
CMY	0.1098, 0.1804, 0.2000
CMYK	0.00, 0.08, 0.10, 0.11
HSL	13°, 29%, 85%
HSV	13°, 10%, 89%
XYZ	65.3781, 66.2915, 66.4765
YIQ	213.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

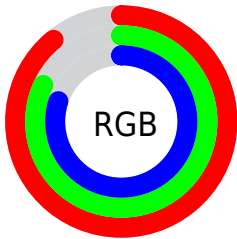
Format	Color
R _Y B	227, 210, 204
Decimal	14930380
CIE Lab	85.14, 5.40, 4.72
CIE LCh	85, 7.171, 41.160
Yxy	66.2915, 0.3299, 0.3346
Android (android.graphics.Color)	4293120460 (0xFFE3D1CC)
YUV	213.8120, -4.8373, 11.5659
Hunter-Lab	81.4196, 0.8472, 8.5853

Details

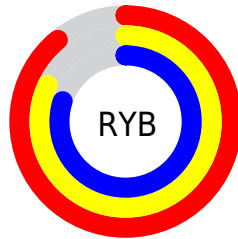
The XYZ color **65.3781, 66.2915, 66.4765** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8879, 70.6246, 82.8856**, and the grayscale version is **63.8174, 67.1408, 73.1164**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2396, 34.4154, 33.6924** is the 20% darker color. If you saturate the color by 10%, you get **58.7345, 57.0479, 51.7941**, and if you desaturate by 10%, it is **72.9081, 76.6713, 83.4137**.

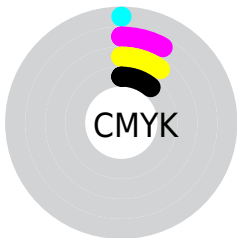
Distribution



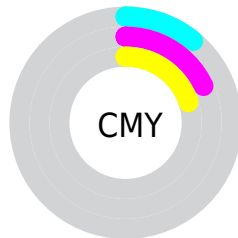
- Red (89%)
- Green (82%)
- Blue (80%)



- Red (89%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3781, 66.2915, 66.4765 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 65.3781, 66.2915, 66.4765 by changing the saturation by 10% instead.

65.3781, 66.2915,
66.4765

65.3781, 66.2915,
66.4765

433.6732,
447.4187, 466.5297

48.0336, 48.5091,
48.2004

111.6560,
113.9046, 115.8035

34.0648, 34.2302,
33.6245

141.3200,
144.5041, 147.6914

23.1065, 23.0705,
22.3302

175.8213,
180.1447, 184.9538

14.7933, 14.6456,
13.8991

215.5251,
221.2108, 228.0090

8.7598, 8.5710,
7.9126

260.7968,
268.0869, 277.2757

4.6407, 4.4625,
3.9521

312.0019,

2.0706, 1.9355,

321.1573, 333.1723

1.5991

369.5056,
380.8064, 396.1175

■ 0.6732, 0.5696,
0.2902

■ 0.0000, 0.0000,
0.0000

■ 65.3781, 66.2915,
66.4765

■ 65.3781, 66.2915,
66.4765

■ 58.7345, 57.0479,
51.7941

■ 72.9081, 76.6713,
83.4137

■ 52.9387, 48.8933,
39.2670

■ 81.3502, 88.2152,
102.6910

■ 47.9577, 41.7896,
28.7943

■ 85.4888, 95.0710,
108.4525

■ 43.7537, 35.6936,
20.2657

■ 40.2862, 30.5589,
13.5602

■ 37.5108, 26.3352,
8.5432

■ 35.3776, 22.9676,
5.0614

■ 33.8297, 20.3949,
2.9331

■ 32.7935, 18.5604,
1.8541

Harmonies

Analogous

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



66.1081, 66.2915, 70.4703



65.3781, 66.2915, 66.4765



64.0175, 66.2915, 64.0762

Triad

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



65.3781, 66.2915, 66.4765



60.1109, 66.2915, 69.3426



63.6118, 66.2915, 81.2738

Complementary

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



65.3781, 66.2915, 66.4765



64.8879, 70.6246, 82.8856

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.



62.0093, 66.2915, 80.9402



65.3781, 66.2915, 66.4765



60.0065, 66.2915, 73.9175

Square

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



65.3781, 66.2915, 66.4765



60.9837, 66.2915, 65.6814



60.6960, 66.2915, 78.2011



65.0768, 66.2915, 79.0941

Rectangle

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



65.3781, 66.2915, 66.4765



62.9451, 66.2915, 63.6382



60.6960, 66.2915, 78.2011



63.0711, 66.2915, 81.4542

Sweetspot

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



65.3799, 66.2944, 66.4779



91.9627, 95.7573, 101.9152



66.4593, 64.7924, 78.1231



19.5111, 20.2583, 21.4245



0.0000, 0.0000, 0.0000



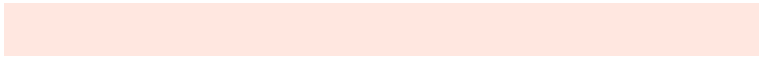
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3799, 66.2944, 66.4779



83.3410, 83.8477, 82.5975



68.2986, 72.1318, 67.4508



14.6299, 14.8738, 15.0043



19.1952, 10.9646, 1.1047



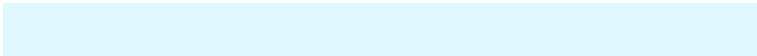
1.4860, 0.9454, 0.1042

Inverse Universe

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



64.8879, 70.6246, 82.8856



82.5873, 90.4767, 107.7187



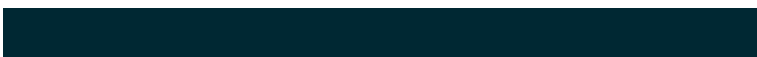
61.9422, 64.7331, 81.9037



14.5274, 15.7762, 18.4238



17.4151, 21.8923, 45.6909



1.3531, 1.7501, 3.3985

Previews

White Background



This preview shows how the XYZ color 65.3781, 66.2915, 66.4765 looks on a white background.

Color Contrast Check

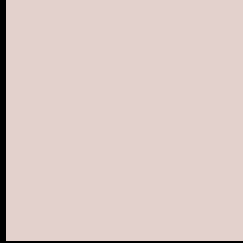
Large Text (above 18pt) WCAG AA × Fail

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 65.3781, 66.2915, 66.4765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

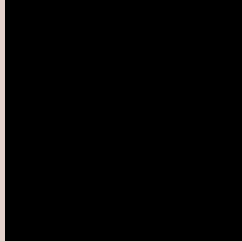
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3781, 66.2915, 66.4765

Background



This preview shows how black text looks on a background with the XYZ color 65.3781, 66.2915, 66.4765.

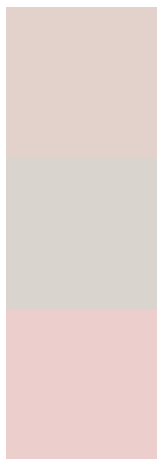


This preview shows how white text looks on a background with the XYZ color 65.3781, 66.2915,

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

65.3781, 66.2915, 66.4765

Protanopia

63.5975, 66.4486, 67.8664

Deuteranopia

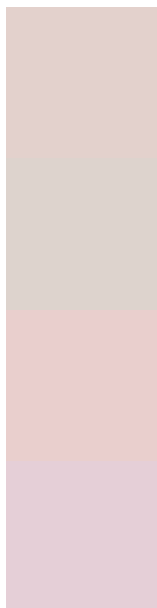
67.6828, 66.3833, 67.0036



Tritanopia

67.8893, 66.2395, 78.3146

Trichromacy



Original Color

65.3781, 66.2915, 66.4765

Protanomaly

64.1325, 66.3685, 67.1879

Deuteranomaly

66.9365, 66.3571, 67.0379

Tritanomaly

66.8917, 66.1900, 73.5403

Monochromacy



Original Color

65.3781, 66.2915, 66.4765

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.3898, 66.8002, 70.4728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3781, 66.2915, 66.4765 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(227, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 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(227, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 204) }
```

Border

The CSS property to change the border of an element to XYZ 65.3781, 66.2915, 66.4765 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(227, 209, 204) }
```


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

```
.border{ border-color:rgb(227, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3781, 66.2915, 66.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 204) }
```

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

```
.background{ background-color: rgb(227,  
209, 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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