

Converting Colors

XYZ(66.1009, 65.6364, 63.8288)

Have a look what the booklet for
XYZ(66.1009, 65.6364, 63.8288)
contains.

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Color

**XYZ(66.1009, 65.6364,
63.8288)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CEC8
RGB	233, 206, 200
RGB Percent	91%, 81%, 78%
CMY	0.0863, 0.1921, 0.2157
CMYK	0.00, 0.12, 0.14, 0.09
HSL	11°, 43%, 85%
HSV	11°, 14%, 91%
XYZ	66.1009, 65.6364, 63.8288
YIQ	213.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

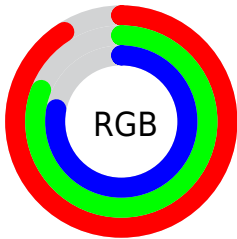
Format	Color
R _Y B	233, 207, 200
Decimal	15322824
CIE Lab	84.81, 8.46, 6.43
CIE LCh	85, 10.625, 37.221
Yxy	65.6364, 0.3380, 0.3356
Android (android.graphics.Color)	4293512904 (0xFFE9CEC8)
YUV	213.3890, -6.6008, 17.1988
Hunter-Lab	81.0163, 3.8590, 9.9997

Details

The XYZ color **66.1009, 65.6364, 63.8288** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.9961, 73.0991, 87.7225**, and the grayscale version is **63.5422, 66.8513, 72.8011**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5480, 33.8789, 31.9125** is the 20% darker color. If you saturate the color by 10%, you get **59.2693, 56.0035, 49.1251**, and if you desaturate by 10%, it is **73.9077, 76.5541, 80.9065**.

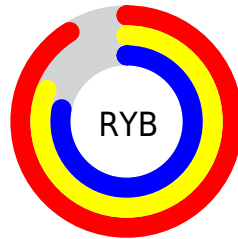
Distribution



Red (91%)

Green (81%)

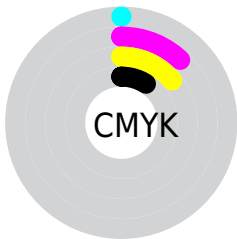
Blue (78%)



Red (91%)

Yellow (81%)

Blue (78%)

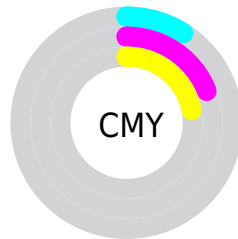


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1009, 65.6364, 63.8288 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 66.1009, 65.6364, 63.8288 by changing the saturation by 10% instead.

66.1009, 65.6364,
63.8288

66.1009, 65.6364,
63.8288

436.2206,
445.0754, 456.7616

48.6223, 47.9773,
46.0667

112.6881,
112.9643, 111.9614

34.5333, 33.8089,
31.9494

142.5274,
143.4019, 143.1691

23.4684, 22.7468,
21.0584

177.2176,
178.8678, 179.6957

15.0623, 14.4067,
12.9750

217.1242,
219.7464, 221.9597

8.9498, 8.4041,
7.2808

262.6124,
266.4220, 270.3798

4.7653, 4.3546,
3.5572

314.0476,

2.1435, 1.8738,

319.2792, 325.3745

1.3857

371.7953,
378.7021, 387.3622

■ 0.7127, 0.5326,
0.1306

■ 0.0000, 0.0000,
0.0000

■ 66.1009, 65.6364,
63.8288

■ 66.1009, 65.6364,
63.8288

■ 59.2693, 56.0035,
49.1251

■ 73.9077, 76.5541,
80.9065

■ 53.3688, 47.5996,
36.6859

■ 82.7205, 88.7924,
100.4526

■ 48.3602, 40.3773,
26.3995

■ 87.4145, 96.0638,
108.5427

■ 44.1991, 34.2834,
18.1430

■ 40.8373, 29.2601,
11.7808

■ 38.2216, 25.2445,
7.1611

■ 36.2920, 22.1669,
4.1080

■ 34.9781, 19.9483,
2.4083

■ 34.4465, 19.0078,
1.8533

Harmonies

Analogous

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



67.0363, 65.6364, 69.8322



66.1009, 65.6364, 63.8288



64.1741, 65.6364, 60.0515

Triad

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



66.1009, 65.6364, 63.8288



58.2606, 65.6364, 66.5117



62.9624, 65.6364, 85.2732

Complementary

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



66.1009, 65.6364, 63.8288



65.9961, 73.0991, 87.7225

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.



60.6303, 65.6364, 84.2444



66.1009, 65.6364, 63.8288



57.9548, 65.6364, 73.1269

Square

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



66.1009, 65.6364, 63.8288



59.6581, 65.6364, 61.5303



58.8119, 65.6364, 79.6912



65.1947, 65.6364, 82.4194

Rectangle

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



66.1009, 65.6364, 63.8288



62.6076, 65.6364, 59.1594



58.8119, 65.6364, 79.6912



62.1638, 65.6364, 85.3728

Sweetspot

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



66.1027, 65.6393, 63.8302



90.8465, 94.1516, 99.6112



68.1935, 64.2068, 81.8350



19.2805, 19.9232, 20.9587



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

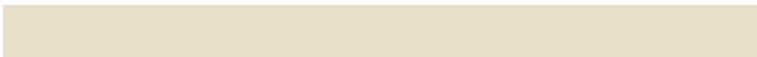
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1027, 65.6393, 63.8302



78.5515, 76.9398, 72.7669



70.1516, 73.7371, 65.1798



15.2871, 15.4973, 15.7043



19.6100, 10.9143, 1.0731



1.6030, 0.9834, 0.1053

Inverse Universe

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



65.9961, 73.0991, 87.7225



78.3958, 87.7555, 107.4143



61.8225, 64.7520, 86.3314



15.2711, 16.6286, 19.3270



18.9525, 24.5520, 47.4831



1.5488, 2.0491, 3.7488

Previews

White Background



This preview shows how the XYZ color 66.1009, 65.6364, 63.8288 looks on a white background.

Color Contrast Check

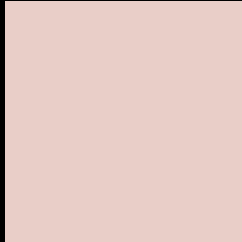
Large Text (above 18pt) WCAG AA × Fail

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 66.1009, 65.6364, 63.8288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

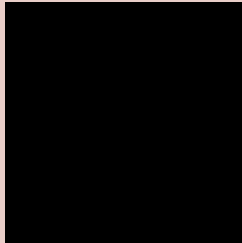
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1009, 65.6364, 63.8288

Background



This preview shows how black text looks on a background with the XYZ color 66.1009, 65.6364, 63.8288.



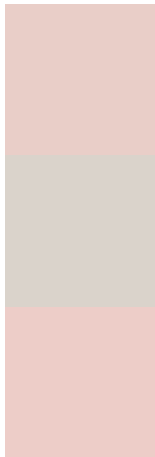
This preview shows how white text looks on a background with the XYZ color 66.1009, 65.6364,

63.8288.

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

66.1009, 65.6364, 63.8288

Protanopia

62.9872, 65.8058, 65.8819

Deuteranopia

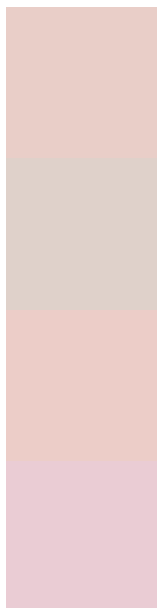
67.1817, 65.8373, 63.8106



Tritanopia

68.4031, 65.4885, 76.0531

Trichromacy



Original Color

66.1009, 65.6364, 63.8288

Protanomaly

63.8926, 65.5532, 65.1626

Deuteranomaly

66.8487, 65.6656, 63.7950

Tritanomaly

67.4082, 65.4316, 71.3641

Monochromacy



Original Color

66.1009, 65.6364, 63.8288

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.9470, 65.8629, 69.0170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1009, 65.6364, 63.8288 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(233, 206, 200)` looks like.

```
.text, #text, p{  
    color:rgb(233, 206, 200)  
}
```

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(233, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 206, 200) }
```

Border

The CSS property to change the border of an element to XYZ 66.1009, 65.6364, 63.8288 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(233, 206, 200) }
```


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

```
.border{ border-color:rgb(233, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 206, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 206, 200);  
box-shadow:4px 4px 4px 4px rgb(233, 206,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1009, 65.6364, 63.8288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 206, 200) }
```

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

```
.background{ background-color: rgb(233,  
206, 200) }
```

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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