

Converting Colors

XYZ(66.8264, 65.6358, 67.6781)

Have a look what the booklet for
XYZ(66.8264, 65.6358, 67.6781)
contains.

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Color

**XYZ(66.9036, 65.6113,
67.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	EACDCE
RGB	234, 205, 206
RGB Percent	92%, 80%, 81%
CMY	0.0823, 0.1961, 0.1922
CMYK	0.00, 0.12, 0.12, 0.08
HSL	358°, 41%, 86%
HSV	358°, 12%, 92%
XYZ	66.9036, 65.6113, 67.5306
YIQ	213.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

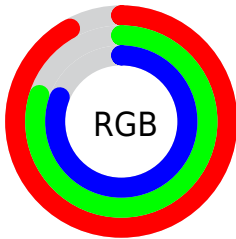
Format	Color
R_{YB}	234, 205, 206
Decimal	15388110
CIE _{Lab}	84.80, 10.30, 3.23
CIE _{LCh}	85, 10.796, 17.405
Yxy	65.6113, 0.3344, 0.3280
Android (android.graphics.Color)	4293578190 (0xFFEACDCE)
YUV	213.7850, -3.8380, 17.7286
Hunter-Lab	81.0008, 5.6828, 7.2703

Details

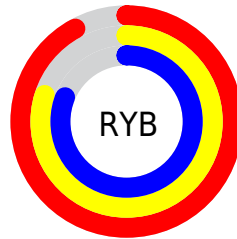
The XYZ color **66.9036, 65.6113, 67.5306** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3102, 77.7096, 88.4410**, and the grayscale version is **63.7905, 67.1126, 73.0856**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0942, 33.8652, 34.3927** is the 20% darker color. If you saturate the color by 10%, you get **59.1688, 54.2229, 52.3687**, and if you desaturate by 10%, it is **75.8739, 78.8376, 85.0529**.

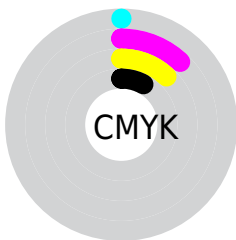
Distribution



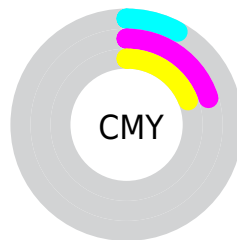
- Red (92%)
- Green (80%)
- Blue (81%)



- Red (92%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (8%)



- Cyan (8%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9036, 65.6113, 67.5306 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 66.9036, 65.6113, 67.5306 by changing the saturation by 10% instead.

66.9036, 65.6113,
67.5306

66.9036, 65.6113,
67.5306

439.0394,
444.9855, 470.3839

49.2767, 47.9569,
49.0517

113.8328,
112.9283, 117.3282

35.0545, 33.7928,
34.2946

143.8659,
143.3596, 149.4840

23.8715, 22.7345,
22.8408

178.7650,
178.8188, 187.0358

15.3626, 14.3976,
14.2718

218.8956,
219.6902, 230.4021

9.1622, 8.3977,
8.1690

264.6229,
266.3582, 280.0016

4.9051, 4.3505,
4.1140

316.3125,

2.2259, 1.8715,

319.2071, 336.2527

1.6881

374.3295,
378.6214, 399.5739

0.7563, 0.5311,
0.3525

0.0000, 0.0000,
0.0000

66.9036, 65.6113,
67.5306

66.9036, 65.6113,
67.5306

59.1688, 54.2229,
52.3687

75.8739, 78.8376,
85.0529

52.6101, 44.5829,
39.4624

86.1247, 93.9688,
105.0259

47.1717, 36.6074,
28.7052

87.7420, 96.2326,
108.5580

42.7909, 30.2021,
19.9804

■ 39.3988, 25.2635,
13.1603

■ 36.9186, 21.6756,
8.1026

■ 35.2620, 19.3047,
4.6453

■ 34.3231, 17.9901,
2.5962

■ 33.9760, 17.5102,
1.8199

Harmonies

Analogous

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



67.0095, 65.6113, 74.3823



66.9036, 65.6113, 67.5306



65.5612, 65.6113, 62.0798

Triad

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



66.9036, 65.6113, 67.5306



59.0015, 65.6113, 62.8020



61.3533, 65.6113, 85.2368

Complementary

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



66.9036, 65.6113, 67.5306



69.3102, 77.7096, 88.4410

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.



59.2678, 65.6113, 81.6958



66.9036, 65.6113, 67.5306



57.9337, 65.6113, 68.5754

Square

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



66.9036, 65.6113, 67.5306



60.9813, 65.6113, 59.4734



58.0299, 65.6113, 75.4965



63.7625, 65.6113, 84.9119

Rectangle

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



66.9036, 65.6113, 67.5306



64.1649, 65.6113, 59.8390



58.0299, 65.6113, 75.4965



60.5924, 65.6113, 84.4501

Sweetspot

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



66.9054, 65.6142, 67.5320



90.3363, 93.0456, 99.7050



70.1420, 66.8541, 87.0499



19.1520, 19.6446, 20.9823



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.



66.9054, 65.6142, 67.5320



78.6517, 75.8222, 76.8632



70.0374, 72.0712, 67.9809



15.0864, 15.0624, 15.7405



19.1019, 9.8434, 1.0718



1.5074, 0.7759, 0.1231

Inverse Universe

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



66.9054, 65.6142, 67.5320



78.6517, 75.8222, 76.8632



65.8739, 70.6086, 87.9995



15.0864, 15.0624, 15.7405



19.1019, 9.8434, 1.0718



1.5074, 0.7759, 0.1231

Previews

White Background



This preview shows how the XYZ color 66.9036, 65.6113, 67.5306 looks on a white background.

Color Contrast Check

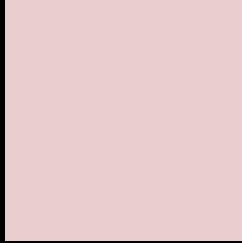
Large Text (above 18pt) WCAG AA × Fail

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 66.9036, 65.6113, 67.5306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

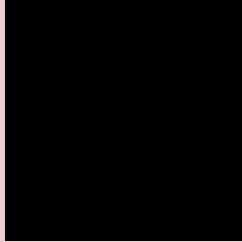
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9036, 65.6113, 67.5306

Background



This preview shows how black text looks on a background with the XYZ color 66.9036, 65.6113, 67.5306.



This preview shows how white text looks on a background with the XYZ color 66.9036, 65.6113,

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

66.9036, 65.6113, 67.5306

Protanopia

63.1218, 65.7909, 69.6936

Deuteranopia

66.9036, 65.6113, 67.5306



Tritanopia

68.7342, 65.6592, 76.0686

Trichromacy



Original Color

66.9036, 65.6113, 67.5306

Protanomaly

64.6171, 65.8430, 68.9778

Deuteranomaly

66.9036, 65.6113, 67.5306

Tritanomaly

67.9914, 65.7029, 72.7167

Monochromacy



Original Color

66.9036, 65.6113, 67.5306

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.8709, 66.6638, 71.0764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9036, 65.6113, 67.5306 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(234, 205, 206) looks like.

```
.text, #text, p{  
    color:rgb(234, 205, 206)  
}
```

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(234, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 205, 206) }
```

Border

The CSS property to change the border of an element to XYZ 66.9036, 65.6113, 67.5306 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(234, 205, 206) }
```


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

```
.border{ border-color:rgb(234, 205, 206) }
```

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

Here you see how a box with a 4 pixel rgb(234, 205, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(234, 205,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9036, 65.6113, 67.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 205, 206) }
```

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

```
.background{ background-color: rgb(234,  
205, 206) }
```

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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