

Converting Colors

XYZ(65.5272, 62.6830, 67.8330)

Have a look what the booklet for
XYZ(65.5272, 62.6830, 67.8330)
contains.

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Color

**XYZ(65.6176, 62.8443,
67.7032)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC7CF
RGB	234, 199, 207
RGB Percent	92%, 78%, 81%
CMY	0.0823, 0.2196, 0.1882
CMYK	0.00, 0.15, 0.12, 0.08
HSL	346°, 45%, 85%
HSV	346°, 15%, 92%
XYZ	65.6176, 62.8443, 67.7032
YIQ	210.3770, 18.2920, 9.9080

Conversions

Conversions Part 2

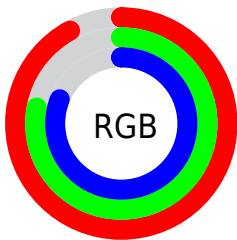
Format	Color
RYB	234, 199, 207
Decimal	15386575
CIELab	83.36, 13.63, 0.61
CIELCh	83, 13.643, 2.546
Yxy	62.8443, 0.3345, 0.3204
Android (android.graphics.Color)	4293576655 (0xFFEAC7CF)
YUV	210.3770, -1.6649, 20.7174
Hunter-Lab	79.2744, 9.0192, 4.8563

Details

The XYZ color **65.6176, 62.8443, 67.7032** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7060, 76.4803, 83.2017**, and the grayscale version is **61.5099, 64.7133, 70.4727**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2353, 32.0157, 34.5122** is the 20% darker color. If you saturate the color by 10%, you get **58.5597, 52.0606, 55.0766**, and if you desaturate by 10%, it is **73.7593, 75.3902, 81.9377**.

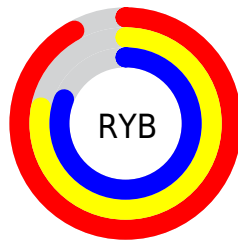
Distribution



Red (92%)

Green (78%)

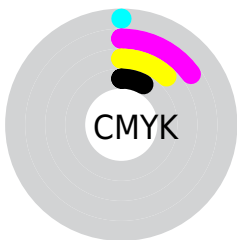
Blue (81%)



Red (92%)

Yellow (78%)

Blue (81%)

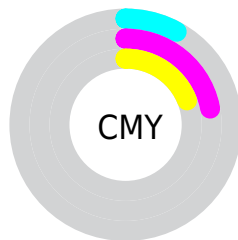


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (8%)



Cyan (8%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6176, 62.8443, 67.7032 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 65.6176, 62.8443, 67.7032 by changing the saturation by 10% instead.

65.6176, 62.8443,
67.7032

65.6176, 62.8443,
67.7032

434.5183,
435.0042, 471.0132

48.2286, 45.7153,
49.1911

111.9981,
108.9449, 117.5776

34.2200, 32.0212,
34.4045

141.7203,
138.6852, 149.7771

23.2263, 21.3777,
22.9246

176.2843,
173.3980, 187.3761

14.8823, 13.4004,
14.3331

216.0554,
213.4678, 230.7932

8.8226, 7.7048,
8.2113

261.3990,
259.2789, 280.4469

4.6818, 3.9066,
4.1407

312.6804,

2.0946, 1.6215,

311.2157, 336.7558

1.7029

370.2651,
369.6627, 400.1384

■ 0.6863, 0.3720,
0.3627

■ 0.0000, 0.0000,
0.0000

■ 65.6176, 62.8443,
67.7032

■ 65.6176, 62.8443,
67.7032

■ 58.5597, 52.0606,
55.0766

■ 73.7593, 75.3902,
81.9377

■ 52.5342, 42.9521,
43.9968

■ 83.0228, 89.7637,
97.8305

■ 47.4932, 35.4365,
34.4047

■ 87.7420, 96.2326,
108.5580

■ 43.3831, 29.4218,
26.2354

■ 40.1449, 24.8060,
19.4196

■ 37.7126, 21.4748,
13.8815

■ 36.0103, 19.2952,
9.5376

■ 34.9464, 18.1049,
6.2929

■ 34.5853, 17.7539,
5.0284

Harmonies

Analogous

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



64.9415, 62.8443, 76.2439



65.6176, 62.8443, 67.7032



64.6738, 62.8443, 60.0034

Triad

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



65.6176, 62.8443, 67.7032



56.7131, 62.8443, 55.5505



57.1384, 62.8443, 83.9829

Complementary

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



65.6176, 62.8443, 67.7032



66.7060, 76.4803, 83.2017

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.



55.0479, 62.8443, 77.6036



65.6176, 62.8443, 67.7032



54.8081, 62.8443, 61.1631

Square

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



65.6176, 62.8443, 67.7032



59.4784, 62.8443, 53.3599



54.2086, 62.8443, 69.1555



59.9855, 62.8443, 86.0923

Rectangle

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



65.6176, 62.8443, 67.7032



63.2706, 62.8443, 56.2523



54.2086, 62.8443, 69.1555



56.3271, 62.8443, 82.2421

Sweetspot

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



65.6194, 62.8471, 67.7045



90.6406, 93.1673, 101.3071



66.5886, 62.9322, 86.4801



19.2286, 19.6753, 21.3861



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.



65.6194, 62.8471, 67.7045



76.9287, 72.0555, 77.2774



66.8798, 66.8930, 63.4230



15.2064, 15.1104, 16.3724



19.4744, 9.9925, 3.0338



1.5651, 0.7990, 0.4271

Inverse Universe

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



65.6194, 62.8471, 67.7045



76.9287, 72.0555, 77.2774



65.2419, 71.7550, 88.2541



15.2064, 15.1104, 16.3724



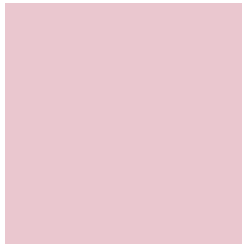
19.4744, 9.9925, 3.0338



1.5651, 0.7990, 0.4271

Previews

White Background



This preview shows how the XYZ color 65.6176, 62.8443, 67.7032 looks on a white background.

Color Contrast Check

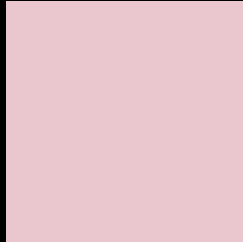
Large Text (above 18pt) WCAG AA × Fail

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 65.6176, 62.8443, 67.7032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

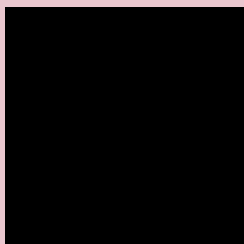
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6176, 62.8443, 67.7032

Background



This preview shows how black text looks on a background with the XYZ color 65.6176, 62.8443, 67.7032.



This preview shows how white text looks on a background with the XYZ color 65.6176, 62.8443,

67.7032.

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

65.6176, 62.8443, 67.7032

Protanopia

60.6490, 63.0304, 70.5976

Deuteranopia

64.1440, 62.7723, 67.7670



Tritanopia

66.4653, 62.8544, 71.5798

Trichromacy



Original Color

65.6176, 62.8443, 67.7032

Protanomaly

62.4391, 62.8989, 69.8226

Deuteranomaly

64.5499, 62.6365, 67.7194

Tritanomaly

66.2129, 62.7535, 70.2509

Monochromacy



Original Color

65.6176, 62.8443, 67.7032

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.7933, 63.8061, 69.3279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6176, 62.8443, 67.7032 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, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(234, 199, 207)  
}
```

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, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 199, 207) }
```

Border

The CSS property to change the border of an element to XYZ 65.6176, 62.8443, 67.7032 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, 199, 207) }
```


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

```
.border{ border-color:rgb(234, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(234, 199,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6176, 62.8443, 67.7032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 199, 207) }
```

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

```
.background{ background-color: rgb(234,  
199, 207) }
```

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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