

Converting Colors

XYZ(69.2707, 65.9510, 75.4085)

Have a look what the booklet for
XYZ(69.2707, 65.9510, 75.4085)
contains.

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Color

**XYZ(69.2707, 65.9510,
75.4085)**

Conversions

Conversions Part 1

Format	Color
Hex	EECBDA
RGB	238, 203, 218
RGB Percent	93%, 80%, 85%
CMY	0.0667, 0.2039, 0.1451
CMYK	0.00, 0.15, 0.08, 0.07
HSL	334°, 51%, 86%
HSV	334°, 15%, 93%
XYZ	69.2707, 65.9510, 75.4085
YIQ	215.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

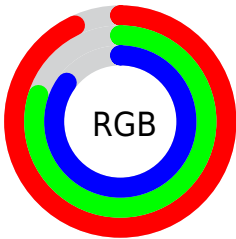
Format	Color
R _Y B	238, 203, 218
Decimal	15649754
CIE Lab	84.97, 14.74, -2.86
CIE LCh	85, 15.013, 349.014
Yxy	65.9510, 0.3289, 0.3131
Android (android.graphics.Color)	4293839834 (0xFFEECBDA)
YUV	215.1750, 1.3927, 20.0175
Hunter-Lab	81.2102, 10.1391, 1.7929

Details

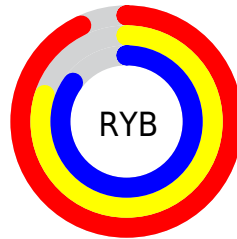
The XYZ color **69.2707, 65.9510, 75.4085** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5250, 79.1750, 81.4865**, and the grayscale version is **64.6947, 68.0638, 74.1215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6497, 34.0843, 39.2976** is the 20% darker color. If you saturate the color by 10%, you get **62.3687, 54.8788, 64.6839**, and if you desaturate by 10%, it is **77.1854, 78.8130, 87.1929**.

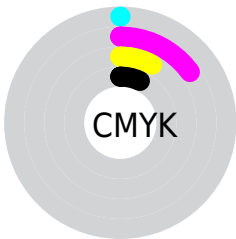
Distribution



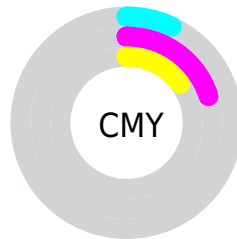
- Red (93%)
- Green (80%)
- Blue (85%)



- Red (93%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2707, 65.9510, 75.4085 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 69.2707, 65.9510, 75.4085 by changing the saturation by 10% instead.

69.2707, 65.9510,
75.4085

69.2707, 65.9510,
75.4085

447.2916,
446.2016, 498.6133

51.2096, 48.2326,
55.4439

117.2001,
113.4160, 128.6429

36.5972, 34.0111,
39.3562

147.7991,
143.9314, 162.7497

25.0680, 22.9022,
26.7270

183.3082,
179.4813, 202.4076

16.2567, 14.5213,
17.1377

224.0927,
220.4501, 248.0352

9.7980, 8.4841,
10.1697

270.5179,
267.2221, 300.0511

5.3265, 4.4062,
5.4045

322.9492,

2.4768, 1.9033,

320.1817, 358.8737

2.4237

381.7520,
379.7135, 424.9216

0.8836, 0.5504,
0.7993

0.0000, 0.0000,
0.0000

69.2707, 65.9510,
75.4085

69.2707, 65.9510,
75.4085

62.3687, 54.8788,
64.6839

77.1854, 78.8130,
87.1929

56.4309, 45.5079,
54.9834

86.1471, 93.5308,
100.0629

51.4135, 37.7552,
46.2753

89.0702, 96.9173,
108.6202

47.2666, 31.5271,
38.5245

■ 43.9354, 26.7206,
31.6931

■ 41.3587, 23.2193,
25.7406

■ 39.4654, 20.8885,
20.6218

■ 38.1696, 19.5633,
16.2855

■ 37.6577, 19.1363,
14.2752

Harmonies

Analogous

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



67.7099, 65.9510, 84.6968



69.2707, 65.9510, 75.4085



69.0198, 65.9510, 65.9251

Triad

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



69.2707, 65.9510, 75.4085



60.5947, 65.9510, 55.6378



58.5253, 65.9510, 86.7665

Complementary

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



69.2707, 65.9510, 75.4085



68.5250, 79.1750, 81.4865

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.



56.7492, 65.9510, 78.0338



69.2707, 65.9510, 75.4085



57.9140, 65.9510, 60.3005

Square

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



69.2707, 65.9510, 75.4085



63.9289, 65.9510, 55.0719



56.5295, 65.9510, 68.3267



61.4563, 65.9510, 91.6350

Rectangle

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



69.2707, 65.9510, 75.4085



67.8612, 65.9510, 60.7376



56.5295, 65.9510, 68.3267



57.7779, 65.9510, 84.1511

Sweetspot

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



69.2726, 65.9539, 75.4099



90.9575, 93.2941, 102.9758



67.1711, 64.5497, 89.8087



19.3087, 19.7073, 21.8075



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.



69.2726, 65.9539, 75.4099



78.1755, 72.5542, 83.8433



67.9528, 66.3143, 65.7219



16.0539, 15.8713, 17.8403



21.0709, 10.7008, 8.2898



1.8018, 0.9097, 0.9469

Inverse Universe

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



69.2726, 65.9539, 75.4099



78.1755, 72.5542, 83.8433



69.9629, 78.6703, 92.3871



16.0539, 15.8713, 17.8403



21.0709, 10.7008, 8.2898



1.8018, 0.9097, 0.9469

Previews

White Background



This preview shows how the XYZ color 69.2707, 65.9510, 75.4085 looks on a white background.

Color Contrast Check

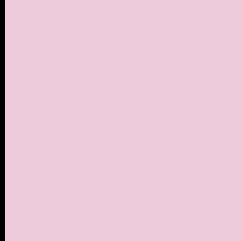
Large Text (above 18pt) WCAG AA × Fail

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 69.2707, 65.9510, 75.4085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

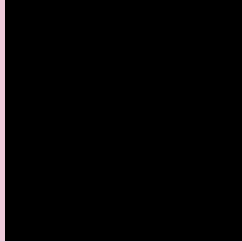
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2707, 65.9510, 75.4085

Background



This preview shows how black text looks on a background with the XYZ color 69.2707, 65.9510, 75.4085.



This preview shows how white text looks on a background with the XYZ color 69.2707, 65.9510,

75.4085.

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

69.2707, 65.9510, 75.4085

Protanopia

64.0541, 66.0624, 79.1873

Deuteranopia

67.5507, 66.1413, 74.8519



Tritanopia

69.4020, 66.0035, 76.0999

Trichromacy



Original Color

69.2707, 65.9510, 75.4085

Protanomaly

65.7312, 65.8618, 77.6548

Deuteranomaly

68.2874, 66.1648, 74.8176

Tritanomaly

69.4020, 66.0035, 76.0999

Monochromacy



Original Color

69.2707, 65.9510, 75.4085

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.1204, 67.2344, 74.4584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2707, 65.9510, 75.4085 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(238, 203, 218)` looks like.

```
.text, #text, p{  
    color:rgb(238, 203, 218)  
}
```

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(238, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 203, 218) }
```

Border

The CSS property to change the border of an element to XYZ 69.2707, 65.9510, 75.4085 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(238, 203, 218) }
```


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

```
.border{ border-color:rgb(238, 203, 218) }
```

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

Here you see how a box with a 4 pixel rgb(238, 203, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 203, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 203, 218);  
box-shadow:4px 4px 4px 4px rgb(238, 203,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2707, 65.9510, 75.4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 203, 218) }
```

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

```
.background{ background-color: rgb(238,  
203, 218) }
```

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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