

Converting Colors

XYZ(68.3205, 65.2567, 76.2096)

Have a look what the booklet for
XYZ(68.3205, 65.2567, 76.2096)
contains.

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Color

**XYZ(68.1677, 65.0177,
75.9747)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCADB
RGB	235, 202, 219
RGB Percent	92%, 79%, 86%
CMY	0.0784, 0.2078, 0.1412
CMYK	0.00, 0.14, 0.07, 0.08
HSL	329°, 45%, 86%
HSV	329°, 14%, 92%
XYZ	68.1677, 65.0177, 75.9747
YIQ	213.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

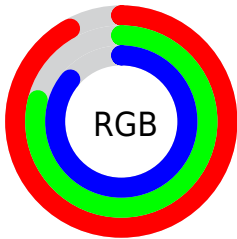
Format	Color
R _Y B	235, 202, 219
Decimal	15452891
CIE Lab	84.49, 14.40, -4.13
CIE LCh	84, 14.980, 344.004
Yxy	65.0177, 0.3259, 0.3109
Android (android.graphics.Color)	4293642971 (0xFFEBCADB)
YUV	213.8050, 2.5611, 18.5880
Hunter-Lab	80.6336, 9.7954, 0.5792

Details

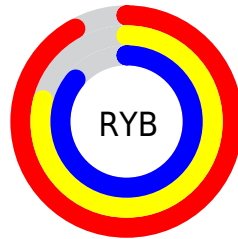
The XYZ color **68.1677, 65.0177, 75.9747** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7229, 77.0370, 77.6863**, and the grayscale version is **63.7636, 67.0843, 73.0548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8812, 33.4439, 39.6861** is the 20% darker color. If you saturate the color by 10%, you get **61.6193, 54.2393, 66.6422**, and if you desaturate by 10%, it is **75.6622, 77.5221, 86.1308**.

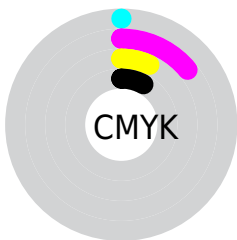
Distribution



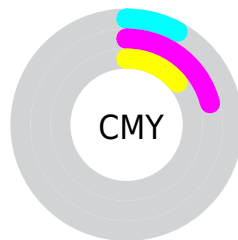
- Red (92%)
- Green (79%)
- Blue (86%)



- Red (92%)
- Yellow (79%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1677, 65.0177, 75.9747 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 68.1677, 65.0177, 75.9747 by changing the saturation by 10% instead.

68.1677, 65.0177,
75.9747

68.1677, 65.0177,
75.9747

443.4574,
442.8556, 500.6056

50.3084, 47.4754,
55.9052

115.6326,
112.0753, 129.4509

35.8773, 33.4117,
39.7235

145.9689,
142.3594, 163.6947

24.5091, 22.4420,
27.0109

181.1948,
177.6596, 203.5004

15.8385, 14.1820,
17.3489

221.6758,
218.3603, 249.2865

9.5000, 8.2474,
10.3190

267.7772,
264.8458, 301.4715

5.1285, 4.2536,
5.5026

319.8644,

2.3584, 1.8164,

317.5006, 360.4740

2.4812

378.3026,
376.7091, 426.7125

■ 0.8243, 0.4974,
0.8302

■ 0.0000, 0.0000,
0.0000

■ 68.1677, 65.0177,
75.9747

■ 68.1677, 65.0177,
75.9747

■ 61.6193, 54.2393,
66.6422

■ 75.6622, 77.5221,
86.1308

■ 55.9714, 45.1019,
58.1059

■ 84.1346, 91.8156,
97.1287

■ 51.1831, 37.5260,
50.3423

■ 87.7809, 96.2862,
107.0438

■ 47.2080, 31.4220,
43.3254

■ 88.0714, 96.4024,
108.5734

■ 43.9948, 26.6912,
37.0269

■ 41.4862, 23.2227,
31.4163

■ 39.6161, 20.8881,
26.4595

■ 38.3041, 19.5308,
22.1173

■ 37.7155, 19.0440,
19.7924

Harmonies

Analogous

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



66.3593, 65.0177, 84.8391



68.1677, 65.0177, 75.9747



68.2293, 65.0177, 66.4422

Triad

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



68.1677, 65.0177, 75.9747



60.2588, 65.0177, 54.4299



57.2995, 65.0177, 84.3308

Complementary

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



68.1677, 65.0177, 75.9747



66.7229, 77.0370, 77.6863

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.



55.7829, 65.0177, 75.3302



68.1677, 65.0177, 75.9747



57.4495, 65.0177, 58.3901

Square

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



68.1677, 65.0177, 75.9747



63.5811, 65.0177, 54.5687



55.8368, 65.0177, 65.8529



60.0474, 65.0177, 89.9517

Rectangle

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



68.1677, 65.0177, 75.9747



67.2663, 65.0177, 61.0129



55.8368, 65.0177, 65.8529



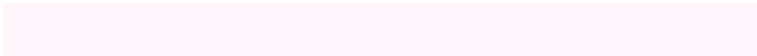
56.6332, 65.0177, 81.5666

Sweetspot

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



68.1696, 65.0206, 75.9761



91.0957, 93.3494, 103.7038



65.0169, 63.1401, 87.3588



19.3436, 19.7213, 21.9916



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.



68.1696, 65.0206, 75.9761



79.5444, 74.1115, 87.9388



66.1098, 64.1966, 65.1293



15.3894, 15.1836, 17.3358



21.0550, 10.6247, 11.3569



1.7019, 0.8537, 1.1477

Inverse Universe

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



68.1696, 65.0206, 75.9761



79.5444, 74.1115, 87.9388



68.9835, 77.9412, 89.5907



15.3894, 15.1836, 17.3358



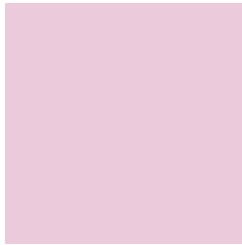
21.0550, 10.6247, 11.3569



1.7019, 0.8537, 1.1477

Previews

White Background



This preview shows how the XYZ color 68.1677, 65.0177, 75.9747 looks on a white background.

Color Contrast Check

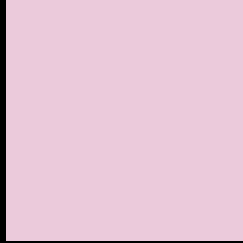
Large Text (above 18pt) WCAG AA × Fail

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 68.1677, 65.0177, 75.9747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

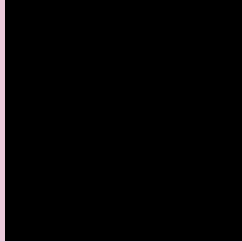
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.1677, 65.0177, 75.9747

Background



This preview shows how black text looks on a background with the XYZ color 68.1677, 65.0177, 75.9747.



This preview shows how white text looks on a background with the XYZ color 68.1677, 65.0177,

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

68.1677, 65.0177, 75.9747

Protanopia

63.3651, 65.3239, 79.7901

Deuteranopia

66.4811, 65.2186, 75.4142



Tritanopia

68.0364, 64.9652, 75.2833

Trichromacy



Original Color

68.1677, 65.0177, 75.9747

Protanomaly

65.0128, 65.1152, 78.2492

Deuteranomaly

67.2028, 65.2366, 75.3796

Tritanomaly

68.0364, 64.9652, 75.2833

Monochromacy



Original Color

68.1677, 65.0177, 75.9747

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.5655, 66.5807, 74.3614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1677, 65.0177, 75.9747 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(235, 202, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 202, 219)  
}
```

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(235, 202, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 202, 219) }
```

Border

The CSS property to change the border of an element to XYZ 68.1677, 65.0177, 75.9747 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(235, 202, 219) }
```


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

```
.border{ border-color:rgb(235, 202, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 202, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 202, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 202, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 202,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1677, 65.0177, 75.9747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 202, 219) }
```

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

```
.background{ background-color: rgb(235,  
202, 219) }
```

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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