

Converting Colors

XYZ(69.3329, 65.9045, 75.8469)

Have a look what the booklet for
XYZ(69.3329, 65.9045, 75.8469)
contains.

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Color

**XYZ(69.4020, 66.0035,
76.0999)**

Conversions

Conversions Part 1

Format	Color
Hex	EECBDB
RGB	238, 203, 219
RGB Percent	93%, 80%, 86%
CMY	0.0667, 0.2039, 0.1412
CMYK	0.00, 0.15, 0.08, 0.07
HSL	333°, 51%, 86%
HSV	333°, 15%, 93%
XYZ	69.4020, 66.0035, 76.0999
YIQ	215.2890, 15.7240, 12.3960

Conversions

Conversions Part 2

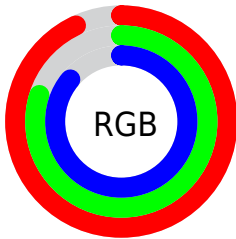
Format	Color
R _Y B	238, 203, 219
Decimal	15649755
CIE Lab	85.00, 14.91, -3.35
CIE LCh	85, 15.280, 347.319
Yxy	66.0035, 0.3281, 0.3121
Android (android.graphics.Color)	4293839835 (0xFFEECBDB)
YUV	215.2890, 1.8295, 19.9175
Hunter-Lab	81.2425, 10.3104, 1.3328

Details

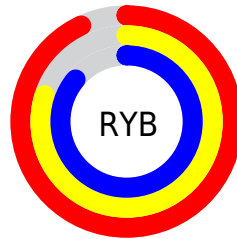
The XYZ color **69.4020, 66.0035, 76.0999** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3905, 79.1212, 80.7784**, and the grayscale version is **64.7692, 68.1423, 74.2069**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7397, 34.1203, 39.7714** is the 20% darker color. If you saturate the color by 10%, you get **62.5719, 54.9601, 65.7538**, and if you desaturate by 10%, it is **77.2308, 78.8311, 87.4320**.

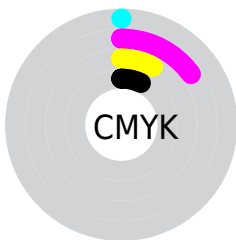
Distribution



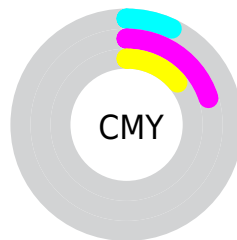
- Red (93%)
- Green (80%)
- Blue (86%)



- Red (93%)
- Yellow (80%)
- Blue (86%)



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



- Cyan (7%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4020, 66.0035, 76.0999 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 69.4020, 66.0035, 76.0999 by changing the saturation by 10% instead.

69.4020, 66.0035,
76.0999

69.4020, 66.0035,
76.0999

447.7468,
446.3894, 501.0455

51.3170, 48.2752,
56.0073

117.3865,
113.4914, 129.6295

36.6830, 34.0449,
39.8047

148.0167,
144.0197, 163.9035

25.1347, 22.9281,
27.0737

183.5594,
179.5836, 203.7418

16.3067, 14.5404,
17.3957

224.3798,
220.5674, 249.5629

9.8337, 8.4975,
10.3521

270.8434,
267.3555, 301.7852

5.3502, 4.4149,
5.5244

323.3155,

2.4910, 1.9083,

320.3323, 360.8274

2.4940

382.1615,
379.8821, 427.1080

■ 0.8907, 0.5533,
0.8370

■ 0.0000, 0.0000,
0.0000

■ 69.4020, 66.0035,
76.0999

■ 69.4020, 66.0035,
76.0999

■ 62.5719, 54.9601,
65.7538

■ 77.2308, 78.8311,
87.4320

■ 56.6925, 45.6125,
56.3608

■ 86.0921, 93.5088,
99.7732

■ 51.7205, 37.8780,
47.8918

■ 89.0703, 96.9173,
108.6202

■ 47.6065, 31.6631,
40.3146

■ 44.2966, 26.8650,
33.5948

■ 41.7298, 23.3677,
27.6949

■ 39.8361, 21.0368,
22.5735

■ 38.5300, 19.7075,
18.1832

■ 38.0090, 19.2768,
16.1250

Harmonies

Analogous

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



67.7168, 66.0035, 85.4692



69.4020, 66.0035, 76.0999



69.2541, 66.0035, 66.3806

Triad

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



69.4020, 66.0035, 76.0999



60.7884, 66.0035, 55.2770



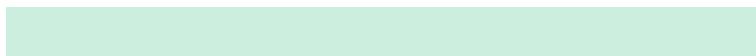
58.3620, 66.0035, 86.6903

Complementary

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



69.4020, 66.0035, 76.0999



68.3905, 79.1212, 80.7784

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.



56.6372, 66.0035, 77.6468



69.4020, 66.0035, 76.0999



58.0025, 66.0035, 59.7897

Square

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



69.4020, 66.0035, 76.0999



64.1956, 66.0035, 54.9450



56.5080, 66.0035, 67.7933



61.2955, 66.0035, 91.9481

Rectangle

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



69.4020, 66.0035, 76.0999



68.1356, 66.0035, 60.9968



56.5080, 66.0035, 67.7933



57.6264, 66.0035, 83.9566

Sweetspot

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



69.4039, 66.0064, 76.1013



91.0030, 93.3123, 103.2157



66.8132, 64.3652, 89.7920



19.3202, 19.7119, 21.8682



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.



69.4039, 66.0064, 76.1013



78.3592, 72.6277, 84.8104



67.6742, 65.7570, 65.6290



16.0733, 15.8790, 17.9421



21.2686, 10.7799, 9.3308



1.8190, 0.9166, 1.0375

Inverse Universe

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



69.4039, 66.0064, 76.1013



78.3592, 72.6277, 84.8104



70.2992, 79.3430, 92.4993



16.0733, 15.8790, 17.9421



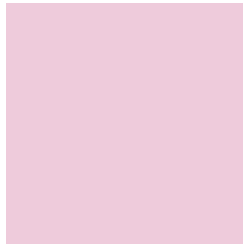
21.2686, 10.7799, 9.3308



1.8190, 0.9166, 1.0375

Previews

White Background



This preview shows how the XYZ color 69.4020, 66.0035, 76.0999 looks on a white background.

Color Contrast Check

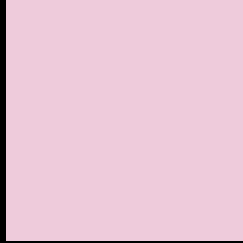
Large Text (above 18pt) WCAG AA × Fail

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 69.4020, 66.0035, 76.0999 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 69.4020, 66.0035, 76.0999

Background



This preview shows how black text looks on a background with the XYZ color 69.4020, 66.0035, 76.0999.



This preview shows how white text looks on a background with the XYZ color 69.4020, 66.0035,

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

69.4020, 66.0035, 76.0999

Protanopia

64.1894, 66.1165, 79.8996

Deuteranopia

67.3593, 66.0276, 75.5240



Tritanopia

69.4020, 66.0035, 76.0999

Trichromacy



Original Color

69.4020, 66.0035, 76.0999

Protanomaly

65.8649, 65.9153, 78.3587

Deuteranomaly

68.0905, 66.0482, 75.4895

Tritanomaly

69.4020, 66.0035, 76.0999

Monochromacy



Original Color

69.4020, 66.0035, 76.0999

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 69.4020, 66.0035, 76.0999 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(238, 203, 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(238, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 203, 219) }
```

Border

The CSS property to change the border of an element to XYZ 69.4020, 66.0035, 76.0999 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, 219) }
```


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

```
.border{ border-color:rgb(238, 203, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(238, 203,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4020, 66.0035, 76.0999 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, 219) }
```

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

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