

Converting Colors

Yxy(69.6613, 0.3176, 0.3040)

Have a look what the booklet for
Yxy(69.6613, 0.3176, 0.3040)
contains.

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Color

Yxy(69.6613, 0.3176, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	EED1E9
RGB	238, 209, 233
RGB Percent	93%, 82%, 91%
CMY	0.0665, 0.1804, 0.0862
CMYK	0.00, 0.12, 0.02, 0.07
HSL	310°, 46%, 88%
HSV	310°, 12%, 93%
XYZ	72.7777, 69.6613, 86.7100
YIQ	220.4070, 9.5800, 13.6120

Conversions

Conversions Part 2

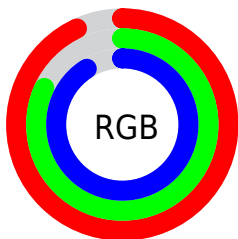
Format	Color
R _Y B	238, 209, 233
Decimal	15651305
CIE Lab	86.83, 14.19, -8.09
CIE LCh	87, 16.336, 330.326
Yxy	69.6613, 0.3176, 0.3040
Android (android.graphics.Color)	4293841385 (0xFFEED1E9)
YUV	220.4070, 6.2083, 15.4291
Hunter-Lab	83.4633, 9.5862, -3.1720

Details

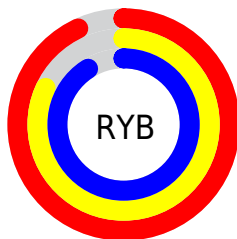
The Yxy color **69.6613, 0.3176, 0.3040** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5786, 0.3082, 0.3553**, and the grayscale version is **71.8245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5621, 0.3190, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **58.6117, 0.3223, 0.2828**, and if you desaturate by 10%, it is **82.4674, 0.3135, 0.3246**.

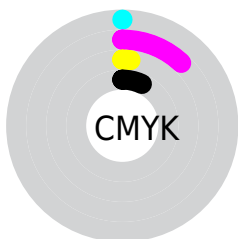
Distribution



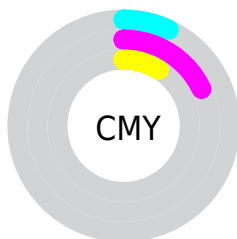
- Red (93%)
- Green (82%)
- Blue (91%)



- Red (93%)
- Yellow (82%)
- Blue (91%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (7%)




- Cyan (7%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6613, 0.3176, 0.3040 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 Yxy color 69.6613, 0.3176, 0.3040 by changing the saturation by 10% instead.


 69.6613, 0.3176,
0.3040

 69.6613, 0.3176,
0.3040

459.3599, 0.3154,
0.3154

 51.2505, 0.3181,
0.3014

118.7256, 0.3169,
0.3079

 36.4080, 0.3186,
0.2983


150.1479, 0.3166,
0.3095

 24.7494, 0.3194,
0.2943


186.6761, 0.3163,
0.3108

 15.8905, 0.3203,
0.2891

228.6946, 0.3161,
0.3120

 9.4467, 0.3215,
0.2821

276.5879, 0.3159,
0.3130

 5.0337, 0.3231,
0.2722

330.7402, 0.3157,

 2.2670, 0.3254,

0.3139

0.2570

391.5361, 0.3156,
0.3147

0.7562, 0.3294,
0.2294

0.0000, 0.0662,
0.0000

69.6613, 0.3176,
0.3040

69.6613, 0.3176,
0.3040

58.6117, 0.3223,
0.2828

82.4674, 0.3135,
0.3246

49.2323, 0.3275,
0.2616

96.0683, 0.3101,
0.3426

41.4433, 0.3334,
0.2411

96.3174, 0.3078,
0.3385

35.1545, 0.3397,
0.2222

96.5720, 0.3054,
0.3344

■ 30.2669, 0.3463,
0.2061

■ 96.8323, 0.3031,
0.3304

■ 26.6697, 0.3531,
0.1936

■ 96.9229, 0.3024,
0.3290

■ 24.2349, 0.3598,
0.1854

■ 22.8087, 0.3662,
0.1819

■ 22.2089, 0.3710,
0.1817

Harmonies

Analogous

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



69.6613, 0.2977, 0.2964



69.6613, 0.3176, 0.3040



69.6613, 0.3367, 0.3178

Triad

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



69.6613, 0.3176, 0.3040



69.6613, 0.3436, 0.3617



69.6613, 0.2773, 0.3215

Complementary

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



69.6613, 0.3176, 0.3040



79.5786, 0.3082, 0.3553

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.



69.6613, 0.2889, 0.3402



69.6613, 0.3176, 0.3040



69.6613, 0.3270, 0.3640

Square

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



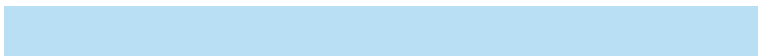
69.6613, 0.3176, 0.3040



69.6613, 0.3519, 0.3507



69.6613, 0.3069, 0.3561



69.6613, 0.2749, 0.3057

Rectangle

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



69.6613, 0.3176, 0.3040



69.6613, 0.3462, 0.3289



69.6613, 0.3069, 0.3561



69.6613, 0.2802, 0.3276

Sweetspot

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



69.6643, 0.3176, 0.3040



93.5508, 0.3142, 0.3209



66.0435, 0.2967, 0.2973



19.7723, 0.3145, 0.3194



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6643, 0.3176, 0.3040



77.5583, 0.3189, 0.2980



68.8776, 0.3278, 0.3188



15.9818, 0.3164, 0.3097



12.4035, 0.3701, 0.1812



1.0441, 0.3625, 0.1771

Inverse Universe

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



69.6643, 0.3176, 0.3040



77.5583, 0.3189, 0.2980



80.3439, 0.2997, 0.3394



15.9818, 0.3164, 0.3097



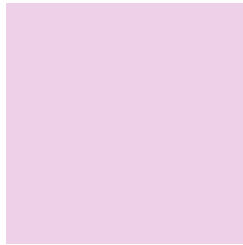
12.4035, 0.3701, 0.1812



1.0441, 0.3625, 0.1771

Previews

White Background



This preview shows how the Yxy color 69.6613, 0.3176, 0.3040 looks on a white background.

Color Contrast Check

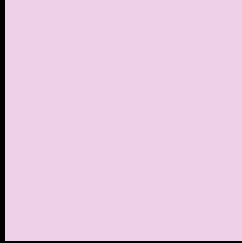
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 69.6613, 0.3176, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

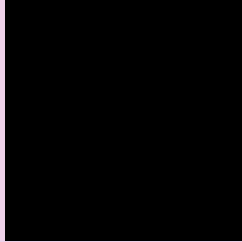
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6613, 0.3176, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 69.6613, 0.3176, 0.3040.



This preview shows how white text looks on a background with the Yxy color 69.6613, 0.3176, 0.3040.

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

69.6613, 0.3176, 0.3040

Protanopia

69.8251, 0.2990, 0.3063

Deuteranopia

69.6275, 0.3131, 0.3058



Tritanopia

69.6438, 0.3210, 0.3112

Trichromacy



Original Color

69.6613, 0.3176, 0.3040

Protanomaly

69.4919, 0.3052, 0.3044

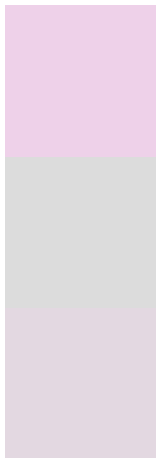
Deuteranomaly

69.4688, 0.3146, 0.3049

Tritanomaly

69.7549, 0.3196, 0.3091

Monochromacy



Original Color

69.6613, 0.3176, 0.3040

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.8789, 0.3146, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6613, 0.3176, 0.3040 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, 209, 233)` looks like.

```
.text, #text, p{  
    color:rgb(238, 209, 233)  
}
```

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, 209, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 209, 233) }
```

Border

The CSS property to change the border of an element to Yxy 69.6613, 0.3176, 0.3040 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, 209, 233) }
```

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

```
.border{ border-color:rgb(238, 209, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 209, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 209, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 209, 233);  
box-shadow:4px 4px 4px 4px rgb(238, 209,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6613, 0.3176, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 209, 233) }
```

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

```
.background{ background-color: rgb(238,  
209, 233) }
```

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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