

Converting Colors

$Yxy(66.6509, 0.3288, 0.3132)$

Have a look what the booklet for
Yxy(66.6509, 0.3288, 0.3132)
contains.

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Color

Yxy(66.6509, 0.3288, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	EFCCDB
RGB	239, 204, 219
RGB Percent	94%, 80%, 86%
CMY	0.0628, 0.2000, 0.1412
CMYK	0.00, 0.15, 0.08, 0.06
HSL	334°, 52%, 87%
HSV	334°, 15%, 94%
XYZ	69.9707, 66.6509, 76.1846
YIQ	216.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

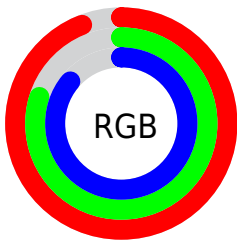
Format	Color
R _Y B	239, 204, 219
Decimal	15715547
CIE Lab	85.33, 14.71, -2.85
CIE LCh	85, 14.988, 349.029
Yxy	66.6509, 0.3288, 0.3132
Android (android.graphics.Color)	4293905627 (0xFFEFCCDB)
YUV	216.1750, 1.3927, 20.0175
Hunter-Lab	81.6400, 10.1159, 1.8199

Details

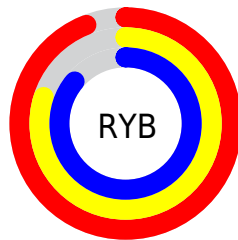
The Yxy color **66.6509, 0.3288, 0.3132** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.9474, 0.2990, 0.3454**, and the grayscale version is **68.7775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5603, 0.3330, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **55.4601, 0.3427, 0.3017**, and if you desaturate by 10%, it is **79.6498, 0.3173, 0.3242**.

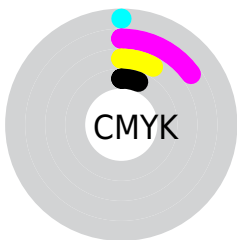
Distribution



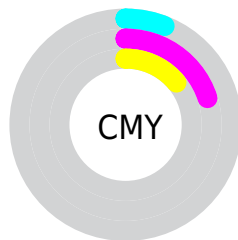
- Red (94%)
- Green (80%)
- Blue (86%)



- Red (94%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6509, 0.3288, 0.3132 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 66.6509, 0.3288, 0.3132 by changing the saturation by 10% instead.


 66.6509, 0.3288,
0.3132

 66.6509, 0.3288,
0.3132


448.7011, 0.3213,
0.3206

 48.8010, 0.3305,
0.3115


114.4200, 0.3262,
0.3158

 34.4616, 0.3327,
0.3094


145.1081, 0.3252,
0.3168

 23.2485, 0.3355,
0.3068


180.8442, 0.3243,
0.3176

 14.7771, 0.3391,
0.3033

222.0129, 0.3235,
0.3184

 8.6631, 0.3441,
0.2985

268.9986, 0.3229,
0.3190

 4.5221, 0.3515,
0.2915

322.1856, 0.3223,

 1.9697, 0.3634,

0.3196

0.2804

381.9583, 0.3217,
0.3201

0.5898, 0.3918,
0.2506

0.0000, 0.0000,
0.0000

66.6509, 0.3288,
0.3132

66.6509, 0.3288,
0.3132

55.4601, 0.3427,
0.3017

79.6498, 0.3173,
0.3242

45.9880, 0.3595,
0.2901

94.5234, 0.3079,
0.3344

38.1507, 0.3795,
0.2789

97.0886, 0.3029,
0.3290

31.8538, 0.4028,
0.2688

■ 26.9931, 0.4292,
0.2612

■ 23.4513, 0.4579,
0.2572

■ 21.0925, 0.4874,
0.2580

■ 19.7501, 0.5157,
0.2643

■ 19.3142, 0.5301,
0.2694

Harmonies

Analogous

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



66.6509, 0.3101, 0.3022



66.6509, 0.3288, 0.3132



66.6509, 0.3434, 0.3283

Triad

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



66.6509, 0.3288, 0.3132



66.6509, 0.3325, 0.3618



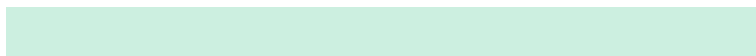
66.6509, 0.2772, 0.3123

Complementary

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



66.6509, 0.3288, 0.3132



79.9474, 0.2990, 0.3454

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.



66.6509, 0.2829, 0.3285



66.6509, 0.3288, 0.3132



66.6509, 0.3145, 0.3579

Square

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



66.6509, 0.3288, 0.3132



66.6509, 0.3455, 0.3565



66.6509, 0.2963, 0.3455



66.6509, 0.2807, 0.3012

Rectangle

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



66.6509, 0.3288, 0.3132



66.6509, 0.3486, 0.3390



66.6509, 0.2963, 0.3455



66.6509, 0.2781, 0.3173

Sweetspot

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



66.6538, 0.3288, 0.3132



93.2938, 0.3167, 0.3248



65.2432, 0.3033, 0.2916



19.7072, 0.3175, 0.3240



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.



66.6538, 0.3288, 0.3132



72.5533, 0.3333, 0.3093



67.0172, 0.3396, 0.3316



15.8712, 0.3226, 0.3189



10.6998, 0.5261, 0.2672



0.9097, 0.4926, 0.2487

Inverse Universe

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



66.6538, 0.3288, 0.3132



72.5533, 0.3333, 0.3093



79.4397, 0.2904, 0.3264



15.8712, 0.3226, 0.3189



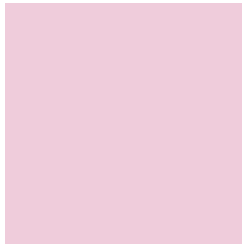
10.6998, 0.5261, 0.2672



0.9097, 0.4926, 0.2487

Previews

White Background



This preview shows how the Yxy color 66.6509, 0.3288, 0.3132 looks on a white background.

Color Contrast Check

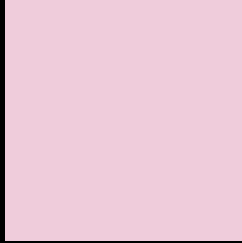
Large Text (above 18pt) WCAG AA × Fail

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 66.6509, 0.3288, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

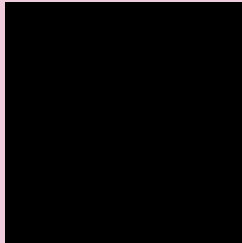
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6509, 0.3288, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 66.6509, 0.3288, 0.3132.



This preview shows how white text looks on a background with the Yxy color 66.6509, 0.3288, 0.3132.

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

66.6509, 0.3288, 0.3132

Protanopia

66.7649, 0.3061, 0.3157

Deuteranopia

66.8434, 0.3239, 0.3172



Tritanopia

66.7038, 0.3281, 0.3121

Trichromacy



Original Color

66.6509, 0.3288, 0.3132

Protanomaly

66.5628, 0.3141, 0.3148

Deuteranomaly

66.8667, 0.3263, 0.3162

Tritanomaly

66.7038, 0.3281, 0.3121

Monochromacy



Original Color

66.6509, 0.3288, 0.3132

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.9440, 0.3181, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6509, 0.3288, 0.3132 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(239, 204, 219)` looks like.

```
.text, #text, p{  
    color:rgb(239, 204, 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(239, 204, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 204, 219) }
```

Border

The CSS property to change the border of an element to Yxy 66.6509, 0.3288, 0.3132 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(239, 204, 219) }
```

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

```
.border{ border-color:rgb(239, 204, 219) }
```

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

Here you see how a box with a 4 pixel rgb(239, 204, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 204, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 204, 219);  
box-shadow:4px 4px 4px 4px rgb(239, 204,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6509, 0.3288, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 204, 219) }
```

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

```
.background{ background-color: rgb(239,  
204, 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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