

Converting Colors

Yxy(68.3798, 0.3342, 0.3166)

Have a look what the booklet for
Yxy(68.3798, 0.3342, 0.3166)
contains.

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Color

Yxy(68.6170, 0.3339, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	F5CEDA
RGB	245, 206, 218
RGB Percent	96%, 81%, 85%
CMY	0.0394, 0.1920, 0.1452
CMYK	0.00, 0.16, 0.11, 0.04
HSL	342°, 66%, 88%
HSV	342°, 16%, 96%
XYZ	72.3664, 68.6170, 75.7474
YIQ	219.0290, 19.3920, 12.0000

Conversions

Conversions Part 2

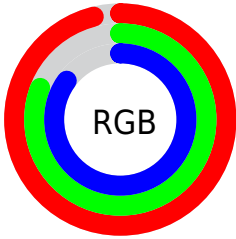
Format	Color
RYB	245, 206, 218
Decimal	16109274
CIELab	86.31, 15.56, -0.81
CIELCh	86, 15.578, 357.016
Yxy	68.6170, 0.3339, 0.3166
Android (android.graphics.Color)	4294299354 (0xFFF5CEDA)
YUV	219.0290, -0.5073, 22.7766
Hunter-Lab	82.8354, 10.9788, 3.7680

Details

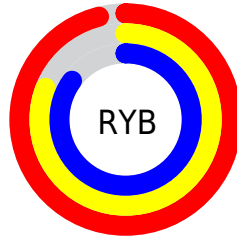
The Yxy color **68.6170, 0.3339, 0.3166** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2812, 0.2952, 0.3418**, and the grayscale version is **70.8512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7922, 0.3387, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **56.8856, 0.3512, 0.3083**, and if you desaturate by 10%, it is **82.2833, 0.3198, 0.3246**.

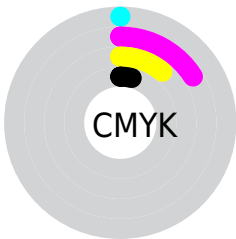
Distribution



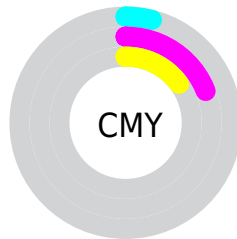
- Red (96%)
- Green (81%)
- Blue (85%)



- Red (96%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6170, 0.3339, 0.3166 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 68.6170, 0.3339, 0.3166 by changing the saturation by 10% instead.

 68.6170, 0.3339,
0.3166

 68.6170, 0.3339,
0.3166

455.6790, 0.3240,
0.3224

 50.3999, 0.3362,
0.3153


117.2344, 0.3304,
0.3186

 35.7312, 0.3390,
0.3136


148.4034, 0.3291,
0.3194

 24.2267, 0.3427,
0.3115


184.6585, 0.3280,
0.3201

 15.5019, 0.3474,
0.3087

226.3841, 0.3270,
0.3207

 9.1724, 0.3540,
0.3049

273.9645, 0.3261,
0.3212

 4.8538, 0.3637,
0.2994

327.7842, 0.3253,

 2.1617, 0.3793,

0.3216

0.2905

388.2276, 0.3246,
0.3220

0.6990, 0.4115,
0.2712

0.0000, 0.0000,
0.0000

68.6170, 0.3339,
0.3166

68.6170, 0.3339,
0.3166

56.8856, 0.3512,
0.3083

82.2833, 0.3198,
0.3246

46.9924, 0.3724,
0.2999

97.9464, 0.3083,
0.3320

38.8460, 0.3978,
0.2919

98.1429, 0.3065,
0.3290

32.3437, 0.4277,
0.2851

■ 27.3717, 0.4615,
0.2806

■ 23.8017, 0.4978,
0.2797

■ 21.4841, 0.5339,
0.2833

■ 20.2341, 0.5662,
0.2917

■ 19.9143, 0.5780,
0.2958

Harmonies

Analogous

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



68.6170, 0.3152, 0.3039



68.6170, 0.3339, 0.3166



68.6170, 0.3470, 0.3327

Triad

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



68.6170, 0.3339, 0.3166



68.6170, 0.3284, 0.3627



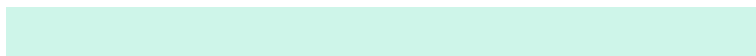
68.6170, 0.2763, 0.3081

Complementary

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



68.6170, 0.3339, 0.3166



84.2812, 0.2952, 0.3418

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.



68.6170, 0.2796, 0.3238



68.6170, 0.3339, 0.3166



68.6170, 0.3093, 0.3562

Square

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



68.6170, 0.3339, 0.3166



68.6170, 0.3436, 0.3596



68.6170, 0.2915, 0.3416



68.6170, 0.2823, 0.2987

Rectangle

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



68.6170, 0.3339, 0.3166



68.6170, 0.3506, 0.3434



68.6170, 0.2915, 0.3416



68.6170, 0.2763, 0.3128

Sweetspot

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



68.6201, 0.3339, 0.3166



91.5772, 0.3187, 0.3252



68.0056, 0.3056, 0.2885



19.3575, 0.3195, 0.3247



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.



68.6201, 0.3339, 0.3166



70.9115, 0.3390, 0.3140



71.5311, 0.3417, 0.3366



16.5663, 0.3245, 0.3218



10.7551, 0.5738, 0.2935



0.9629, 0.5385, 0.2740

Inverse Universe

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



68.6201, 0.3339, 0.3166



70.9115, 0.3390, 0.3140



80.7547, 0.2883, 0.3213



16.5663, 0.3245, 0.3218



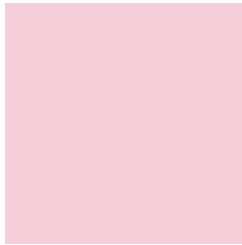
10.7551, 0.5738, 0.2935



0.9629, 0.5385, 0.2740

Previews

White Background



This preview shows how the Yxy color 68.6170, 0.3339, 0.3166 looks on a white background.

Color Contrast Check

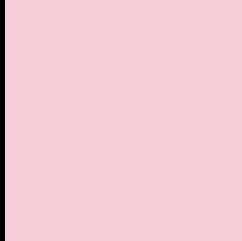
Large Text (above 18pt) WCAG AA × Fail

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 68.6170, 0.3339, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

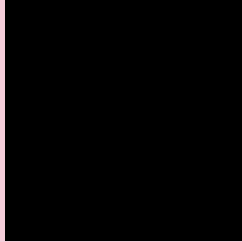
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.6170, 0.3339, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 68.6170, 0.3339, 0.3166.



This preview shows how white text looks on a background with the Yxy color 68.6170, 0.3339, 0.3166.

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

68.6170, 0.3339, 0.3166

Protanopia

68.8340, 0.3095, 0.3202

Deuteranopia

68.4435, 0.3274, 0.3205



Tritanopia

68.2956, 0.3318, 0.3124

Trichromacy



Original Color

68.6170, 0.3339, 0.3166

Protanomaly

68.8014, 0.3183, 0.3193

Deuteranomaly

68.4722, 0.3298, 0.3195

Tritanomaly

68.2424, 0.3326, 0.3134

Monochromacy



Original Color

68.6170, 0.3339, 0.3166

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.7016, 0.3196, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6170, 0.3339, 0.3166 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(245, 206, 218)` looks like.

```
.text, #text, p{  
    color:rgb(245, 206, 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(245, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 206, 218) }
```

Border

The CSS property to change the border of an element to Yxy 68.6170, 0.3339, 0.3166 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(245, 206, 218) }
```

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

```
.border{ border-color:rgb(245, 206, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 206, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(245, 206,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6170, 0.3339, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 206, 218) }
```

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

```
.background{ background-color: rgb(245,  
206, 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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