

Converting Colors

$Yxy(68.6051, 0.3308, 0.3029)$

Have a look what the booklet for
Yxy(68.6051, 0.3308, 0.3029)
contains.

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Color

Yxy(68.6373, 0.3307, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	FACBE4
RGB	250, 203, 228
RGB Percent	98%, 80%, 89%
CMY	0.0196, 0.2039, 0.1058
CMYK	0.00, 0.19, 0.09, 0.02
HSL	328°, 82%, 89%
HSV	328°, 19%, 98%
XYZ	74.7886, 68.6373, 82.7266
YIQ	219.9030, 19.9870, 17.7390

Conversions

Conversions Part 2

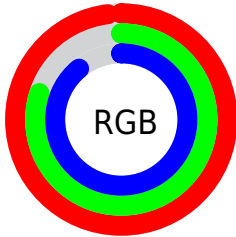
Format	Color
R _Y B	250, 203, 228
Decimal	16436196
CIE Lab	86.32, 20.55, -6.08
CIE LCh	86, 21.431, 343.527
Yxy	68.6373, 0.3307, 0.3035
Android (android.graphics.Color)	4294626276 (0xFFFA ^C BE4)
YUV	219.9030, 3.9918, 26.3951
Hunter-Lab	82.8476, 16.1531, -1.2100

Details

The Yxy color **68.6373, 0.3307, 0.3035** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.5070, 0.2979, 0.3560**, and the grayscale version is **71.4634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8495, 0.3344, 0.2976** is the 20% darker color. If you saturate the color by 10%, you get **57.1414, 0.3431, 0.2892**, and if you desaturate by 10%, it is **82.0871, 0.3204, 0.3174**.

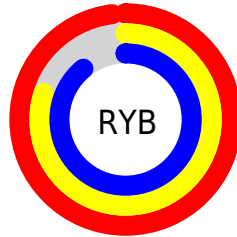
Distribution



Red (98%)

Green (80%)

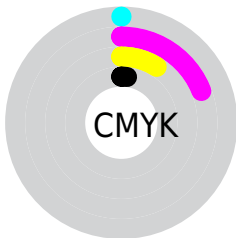
Blue (89%)



Red (98%)

Yellow (80%)

Blue (89%)

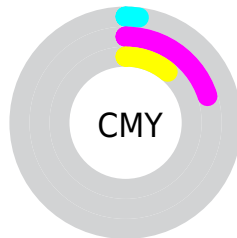


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (2%)



Cyan (2%)


Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6373, 0.3307, 0.3035 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 68.6373, 0.3307, 0.3035 by changing the saturation by 10% instead.

 68.6373, 0.3307,
0.3035

 68.6373, 0.3307,
0.3035


455.7507, 0.3224,
0.3152

 50.4164, 0.3326,
0.3009

117.2634, 0.3278,
0.3075

 35.7444, 0.3349,
0.2976

148.4373, 0.3267,
0.3091

 24.2368, 0.3379,
0.2935

184.6978, 0.3257,
0.3105

 15.5094, 0.3417,
0.2882

226.4290, 0.3249,
0.3117

 9.1777, 0.3469,
0.2810

274.0156, 0.3242,
0.3127

 4.8572, 0.3545,
0.2708

327.8418, 0.3235,

 2.1637, 0.3662,

0.3136

0.2550

388.2920, 0.3229,
0.3144

0.7001, 0.3886,
0.2247

0.0000, 1.0000,
0.0000

68.6373, 0.3307,
0.3035

68.6373, 0.3307,
0.3035

57.1414, 0.3431,
0.2892

82.0871, 0.3204,
0.3174

47.4984, 0.3577,
0.2750

97.5675, 0.3118,
0.3305

39.6119, 0.3748,
0.2615

99.0653, 0.3096,
0.3290

33.3729, 0.3942,
0.2499

■ 28.6604, 0.4156,
0.2413

■ 25.3363, 0.4383,
0.2370

■ 23.2375, 0.4612,
0.2379

■ 22.1262, 0.4833,
0.2441

■ 22.0222, 0.4859,
0.2450

Harmonies

Analogous

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



68.6373, 0.3039, 0.2897



68.6373, 0.3307, 0.3035



68.6373, 0.3533, 0.3236

Triad

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



68.6373, 0.3307, 0.3035



68.6373, 0.3446, 0.3752



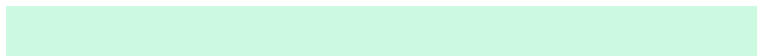
68.6373, 0.2635, 0.3087

Complementary

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



68.6373, 0.3307, 0.3035



86.5070, 0.2979, 0.3560

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.



68.6373, 0.2734, 0.3326



68.6373, 0.3307, 0.3035



68.6373, 0.3198, 0.3726

Square

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



68.6373, 0.3307, 0.3035



68.6373, 0.3613, 0.3648



68.6373, 0.2938, 0.3567



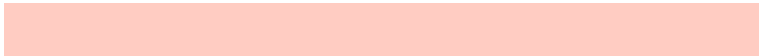
68.6373, 0.2660, 0.2918

Rectangle

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



68.6373, 0.3307, 0.3035



68.6373, 0.3624, 0.3384



68.6373, 0.2938, 0.3567



68.6373, 0.2655, 0.3162

Sweetspot

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



68.6404, 0.3307, 0.3035



90.1715, 0.3178, 0.3211



65.6119, 0.2967, 0.2796



19.0815, 0.3184, 0.3203



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.



68.6404, 0.3307, 0.3035



66.4761, 0.3357, 0.2975



67.4241, 0.3485, 0.3275



17.3797, 0.3210, 0.3164



11.7099, 0.4825, 0.2431



1.1060, 0.4578, 0.2296

Inverse Universe

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



68.6404, 0.3307, 0.3035



66.4761, 0.3357, 0.2975



87.8767, 0.2852, 0.3306



17.3797, 0.3210, 0.3164



11.7099, 0.4825, 0.2431



1.1060, 0.4578, 0.2296

Previews

White Background



This preview shows how the Yxy color 68.6373, 0.3307, 0.3035 looks on a white background.

Color Contrast Check

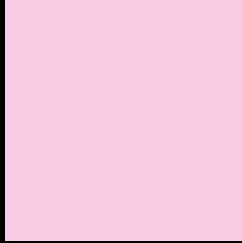
Large Text (above 18pt) WCAG AA × Fail

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 68.6373, 0.3307, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

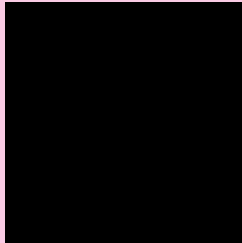
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.6373, 0.3307, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 68.6373, 0.3307, 0.3035.



This preview shows how white text looks on a background with the Yxy color 68.6373, 0.3307, 0.3035.

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

68.6373, 0.3307, 0.3035

Protanopia

69.0461, 0.2995, 0.3072

Deuteranopia

68.7950, 0.3173, 0.3110



Tritanopia

68.4928, 0.3358, 0.3126

Trichromacy



Original Color

68.6373, 0.3307, 0.3035

Protanomaly

68.9087, 0.3108, 0.3066

Deuteranomaly

68.5224, 0.3227, 0.3081

Tritanomaly

68.6532, 0.3335, 0.3095

Monochromacy



Original Color

68.6373, 0.3307, 0.3035

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.4098, 0.3190, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6373, 0.3307, 0.3035 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(250, 203, 228)` looks like.

```
.text, #text, p{  
    color:rgb(250, 203, 228)  
}
```

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(250, 203, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 203, 228) }
```

Border

The CSS property to change the border of an element to Yxy 68.6373, 0.3307, 0.3035 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(250, 203, 228) }
```

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

```
.border{ border-color:rgb(250, 203, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 203, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 203, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 203, 228);  
box-shadow:4px 4px 4px 4px rgb(250, 203,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6373, 0.3307, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 203, 228) }
```

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

```
.background{ background-color: rgb(250,  
203, 228) }
```

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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