

Converting Colors

Yxy(67.0094, 0.3375, 0.3182)

Have a look what the booklet for
Yxy(67.0094, 0.3375, 0.3182)
contains.

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Color

Yxy(66.9794, 0.3373, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	F5CBD6
RGB	245, 203, 214
RGB Percent	96%, 80%, 84%
CMY	0.0392, 0.2039, 0.1606
CMYK	0.00, 0.17, 0.13, 0.04
HSL	344°, 68%, 88%
HSV	344°, 17%, 96%
XYZ	71.1564, 66.9794, 72.8230
YIQ	216.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

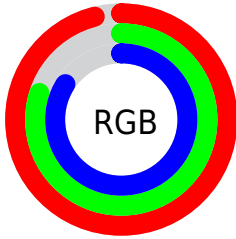
Format	Color
RYB	245, 203, 214
Decimal	16108502
CIELab	85.49, 16.53, 0.08
CIElCh	85, 16.534, 0.295
Yxy	66.9794, 0.3373, 0.3175
Android (android.graphics.Color)	4294298582 (0xFFFF5CBD6)
YUV	216.8120, -1.3863, 24.7209
Hunter-Lab	81.8409, 11.9747, 4.5318

Details

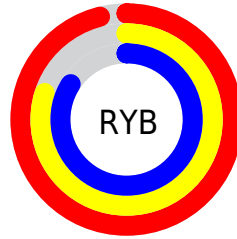
The Yxy color $66.9794, 0.3373, 0.3175$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.9463, 0.2929, 0.3408$, and the grayscale version is $69.2550, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.6895, 0.3433, 0.3155$ is the 20% darker color. If you saturate the color by 10%, you get $55.4379, 0.3563, 0.3103$, and if you desaturate by 10%, it is $80.4579, 0.3219, 0.3244$.

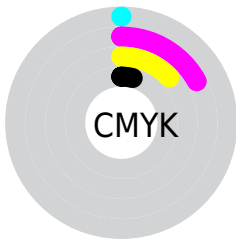
Distribution



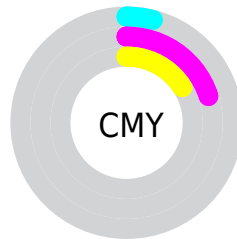
- Red (96%)
- Green (80%)
- Blue (84%)



- Red (96%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (4%)




- Cyan (4%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9794, 0.3373, 0.3175 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 66.9794, 0.3373, 0.3175 by changing the saturation by 10% instead.

 66.9794, 0.3373,
0.3175

 66.9794, 0.3373,
0.3175


449.8714, 0.3257,
0.3229

 49.0679, 0.3400,
0.3162

114.8909, 0.3333,
0.3194

 34.6733, 0.3433,
0.3147

145.6597, 0.3317,
0.3201

 23.4114, 0.3476,
0.3127


181.4830, 0.3303,
0.3208

 14.8975, 0.3533,
0.3100

222.7452, 0.3292,
0.3213

 8.7475, 0.3612,
0.3063

269.8308, 0.3282,
0.3218

 4.5769, 0.3728,
0.3008

323.1241, 0.3273,

 2.0012, 0.3917,

0.3222

0.2919

383.0095, 0.3265,
0.3226

0.6082, 0.4390,
0.2698

0.0000, 0.0000,
0.0000

66.9794, 0.3373,
0.3175

66.9794, 0.3373,
0.3175

55.4379, 0.3563,
0.3103

80.4579, 0.3219,
0.3244

45.7353, 0.3794,
0.3032

95.9476, 0.3094,
0.3308

37.7787, 0.4073,
0.2965

98.1544, 0.3066,
0.3290

31.4632, 0.4401,
0.2910

■ 26.6727, 0.4769,
0.2879

■ 23.2758, 0.5157,
0.2881

■ 21.1184, 0.5531,
0.2927

■ 20.0028, 0.5851,
0.3014

■ 19.7892, 0.5930,
0.3041

Harmonies

Analogous

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



66.9794, 0.3177, 0.3034



66.9794, 0.3373, 0.3175



66.9794, 0.3504, 0.3348

Triad

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



66.9794, 0.3373, 0.3175



66.9794, 0.3273, 0.3649



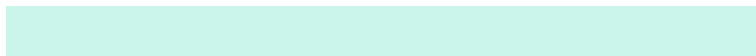
66.9794, 0.2740, 0.3051

Complementary

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



66.9794, 0.3373, 0.3175



83.9463, 0.2929, 0.3408

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.



66.9794, 0.2764, 0.3213



66.9794, 0.3373, 0.3175



66.9794, 0.3068, 0.3568

Square

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



66.9794, 0.3373, 0.3175



66.9794, 0.3444, 0.3625



66.9794, 0.2883, 0.3405



66.9794, 0.2815, 0.2960

Rectangle

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



66.9794, 0.3373, 0.3175



66.9794, 0.3534, 0.3461



66.9794, 0.2883, 0.3405



66.9794, 0.2737, 0.3099

Sweetspot

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



66.9824, 0.3373, 0.3175



91.5426, 0.3190, 0.3258



66.7639, 0.3065, 0.2853



19.3491, 0.3199, 0.3253



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.



66.9824, 0.3373, 0.3175



68.1768, 0.3442, 0.3147



71.2145, 0.3440, 0.3394



16.5540, 0.3252, 0.3228



10.6791, 0.5890, 0.3018



0.9548, 0.5538, 0.2825

Inverse Universe

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



66.9824, 0.3373, 0.3175



68.1768, 0.3442, 0.3147



78.8252, 0.2863, 0.3184



16.5540, 0.3252, 0.3228



10.6791, 0.5890, 0.3018



0.9548, 0.5538, 0.2825

Previews

White Background



This preview shows how the Yxy color 66.9794, 0.3373, 0.3175 looks on a white background.

Color Contrast Check

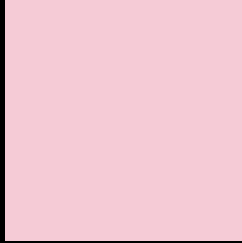
Large Text (above 18pt) WCAG AA × Fail

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 66.9794, 0.3373, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

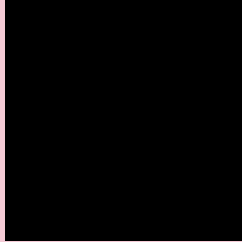
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9794, 0.3373, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 66.9794, 0.3373, 0.3175.



This preview shows how white text looks on a background with the Yxy color 66.9794, 0.3373, 0.3175.

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

66.9794, 0.3373, 0.3175

Protanopia

67.3547, 0.3102, 0.3212

Deuteranopia

67.0919, 0.3298, 0.3226



Tritanopia

66.8958, 0.3352, 0.3124

Trichromacy



Original Color

66.9794, 0.3373, 0.3175

Protanomaly

66.9938, 0.3199, 0.3192

Deuteranomaly

67.2974, 0.3330, 0.3216

Tritanomaly

66.8436, 0.3360, 0.3134

Monochromacy



Original Color

66.9794, 0.3373, 0.3175

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.3757, 0.3211, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9794, 0.3373, 0.3175 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, 203, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 203, 214)  
}
```

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, 203, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 203, 214) }
```

Border

The CSS property to change the border of an element to Yxy 66.9794, 0.3373, 0.3175 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, 203, 214) }
```

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

```
.border{ border-color:rgb(245, 203, 214) }
```

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

Here you see how a box with a 4 pixel rgb(245, 203, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 203, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 203, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 203,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9794, 0.3373, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 203, 214) }
```

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

```
.background{ background-color: rgb(245,  
203, 214) }
```

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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