

Converting Colors

Yxy(67.7110, 0.3391, 0.3118)

Have a look what the booklet for
Yxy(67.7110, 0.3391, 0.3118)
contains.

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Color

Yxy(67.8122, 0.3391, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	FBCADA
RGB	251, 202, 218
RGB Percent	98%, 79%, 85%
CMY	0.0157, 0.2078, 0.1450
CMYK	0.00, 0.20, 0.13, 0.02
HSL	340°, 86%, 89%
HSV	340°, 20%, 98%
XYZ	73.5608, 67.8122, 75.5566
YIQ	218.4750, 24.0680, 15.3640

Conversions

Conversions Part 2

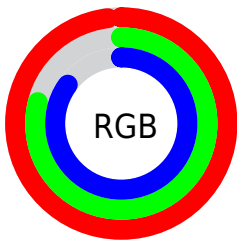
Format	Color
R _{YB}	251, 202, 218
Decimal	16501466
CIE Lab	85.91, 19.79, -1.35
CIE LCh	86, 19.832, 356.084
Yxy	67.8122, 0.3391, 0.3126
Android (android.graphics.Color)	4294691546 (0xFFFBCADA)
YUV	218.4750, -0.2342, 28.5244
Hunter-Lab	82.3482, 15.3431, 3.2436

Details

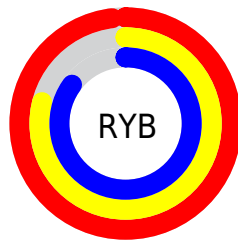
The Yxy color **67.8122, 0.3391, 0.3126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5479, 0.2919, 0.3461**, and the grayscale version is **70.4477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2935, 0.3457, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **56.1387, 0.3572, 0.3037**, and if you desaturate by 10%, it is **81.4975, 0.3243, 0.3212**.

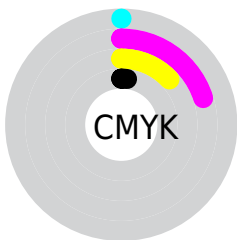
Distribution



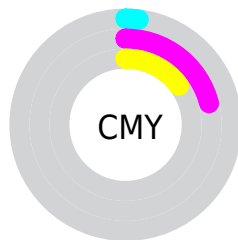
- Red (98%)
- Green (79%)
- Blue (85%)



- Red (98%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8122, 0.3391, 0.3126 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 67.8122, 0.3391, 0.3126 by changing the saturation by 10% instead.


 67.8122, 0.3391,
0.3126

 67.8122, 0.3391,
0.3126


452.8303, 0.3268,
0.3202

 49.7450, 0.3420,
0.3108


116.0834, 0.3348,
0.3153

 35.2108, 0.3455,
0.3087


147.0562, 0.3331,
0.3163

 23.8253, 0.3500,
0.3059


183.0997, 0.3317,
0.3172

 15.2041, 0.3560,
0.3022

224.5982, 0.3304,
0.3180

 8.9627, 0.3643,
0.2972

271.9361, 0.3293,
0.3186

 4.7169, 0.3764,
0.2899

325.4978, 0.3284,

 2.0821, 0.3958,

0.3192

0.2783

385.6678, 0.3275,
0.3198

0.6545, 0.4367,
0.2522

0.0000, 1.0000,
0.0000

67.8122, 0.3391,
0.3126

67.8122, 0.3391,
0.3126

56.1387, 0.3572,
0.3037

81.4975, 0.3243,
0.3212

46.3727, 0.3792,
0.2948

97.2743, 0.3122,
0.3294

38.4143, 0.4054,
0.2866

99.2491, 0.3102,
0.3290

32.1508, 0.4359,
0.2801

■ 27.4566, 0.4697,
0.2763

■ 24.1887, 0.5053,
0.2767

■ 22.1771, 0.5396,
0.2819

■ 21.1578, 0.5698,
0.2915

■ 21.1192, 0.5712,
0.2920

Harmonies

Analogous

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



67.8122, 0.3150, 0.2968



67.8122, 0.3391, 0.3126



67.8122, 0.3563, 0.3327

Triad

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



67.8122, 0.3391, 0.3126



67.8122, 0.3333, 0.3724



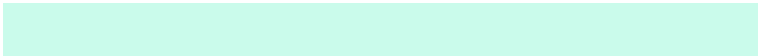
67.8122, 0.2664, 0.3026

Complementary

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



67.8122, 0.3391, 0.3126



87.5479, 0.2919, 0.3461

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.



67.8122, 0.2709, 0.3227



67.8122, 0.3391, 0.3126



67.8122, 0.3090, 0.3645

Square

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



67.8122, 0.3391, 0.3126



67.8122, 0.3527, 0.3676



67.8122, 0.2863, 0.3458



67.8122, 0.2736, 0.2906

Rectangle

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



67.8122, 0.3391, 0.3126



67.8122, 0.3612, 0.3464



67.8122, 0.2863, 0.3458



67.8122, 0.2666, 0.3086

Sweetspot

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



67.8152, 0.3391, 0.3126



89.9781, 0.3197, 0.3242



66.8136, 0.3031, 0.2786



19.0358, 0.3206, 0.3236



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.



67.8152, 0.3391, 0.3126



65.8313, 0.3450, 0.3095



70.9507, 0.3499, 0.3376



17.3188, 0.3242, 0.3213



11.1250, 0.5668, 0.2896



1.0490, 0.5334, 0.2712

Inverse Universe

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



67.8152, 0.3391, 0.3126



65.8313, 0.3450, 0.3095



83.5235, 0.2829, 0.3203



17.3188, 0.3242, 0.3213



11.1250, 0.5668, 0.2896



1.0490, 0.5334, 0.2712

Previews

White Background



This preview shows how the Yxy color 67.8122, 0.3391, 0.3126 looks on a white background.

Color Contrast Check

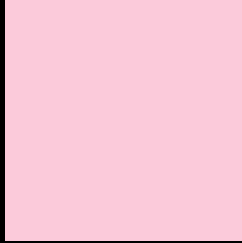
Large Text (above 18pt) WCAG AA × Fail

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 67.8122, 0.3391, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

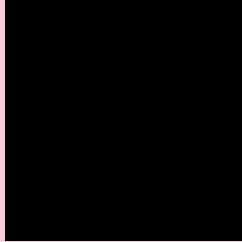
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8122, 0.3391, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 67.8122, 0.3391, 0.3126.



This preview shows how white text looks on a background with the Yxy color 67.8122, 0.3391, 0.3126.

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

67.8122, 0.3391, 0.3126

Protanopia

68.1283, 0.3068, 0.3169

Deuteranopia

67.7837, 0.3268, 0.3194



Tritanopia

67.8122, 0.3391, 0.3126

Trichromacy



Original Color

67.8122, 0.3391, 0.3126

Protanomaly

68.0251, 0.3185, 0.3161

Deuteranomaly

67.8531, 0.3316, 0.3175

Tritanomaly

67.8122, 0.3391, 0.3126

Monochromacy



Original Color

67.8122, 0.3391, 0.3126

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.9719, 0.3219, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8122, 0.3391, 0.3126 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(251, 202, 218)` looks like.

```
.text, #text, p{  
    color:rgb(251, 202, 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(251, 202, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 202, 218) }
```

Border

The CSS property to change the border of an element to Yxy 67.8122, 0.3391, 0.3126 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(251, 202, 218) }
```

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

```
.border{ border-color:rgb(251, 202, 218) }
```

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

Here you see how a box with a 4 pixel rgb(251, 202, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 202, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 202, 218);  
box-shadow:4px 4px 4px 4px rgb(251, 202,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8122, 0.3391, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 202, 218) }
```

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

```
.background{ background-color: rgb(251,  
202, 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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