

Converting Colors

Yxy(50.9530, 0.3459, 0.2891)

Have a look what the booklet for
Yxy(50.9530, 0.3459, 0.2891)
contains.

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Color

Yxy(50.9383, 0.3458, 0.2890)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0A8CD |
| RGB | 240, 168, 205 |
| RGB Percent | 94%, 66%, 80% |
| CMY | 0.0589, 0.3411, 0.1961 |
| CMYK | 0.00, 0.30, 0.15, 0.06 |
| HSL | 329°, 71%, 80% |
| HSV | 329°, 30%, 94% |
| XYZ | 60.9497, 50.9383, 64.3691 |
| YIQ | 193.7460, 31.0350, 26.7710 |

Conversions

Conversions Part 2

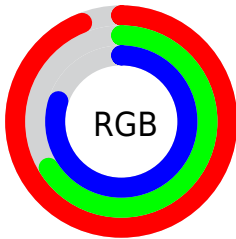
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 240, 168, 205 |
| Decimal | 15771853 |
| CIE Lab | 76.64, 31.85, -8.13 |
| CIE LCh | 77, 32.873, 345.684 |
| Yxy | 50.9383, 0.3458, 0.2890 |
| Android (android.graphics.Color) | 4293961933 (0xFFF0A8CD) |
| YUV | 193.7460, 5.5482, 40.5648 |
| Hunter-Lab | 71.3711, 27.5366, -3.5135 |

Details

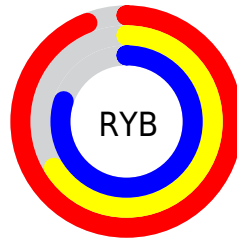
The Yxy color **50.9383, 0.3458, 0.2890** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.9450, 0.2891, 0.3730**, and the grayscale version is **53.7445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **24.5631, 0.3543, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **42.3387, 0.3613, 0.2753**, and if you desaturate by 10%, it is **61.2196, 0.3327, 0.3028**.

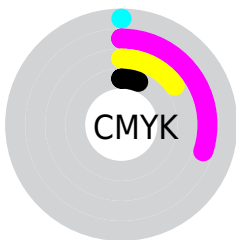
Distribution



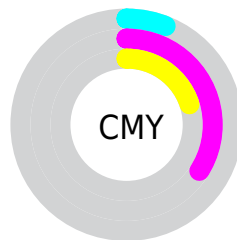
- Red (94%)
- Green (66%)
- Blue (80%)



- Red (94%)
- Yellow (66%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (6%)





- Cyan (6%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9383, 0.3458, 0.2890 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 50.9383, 0.3458, 0.2890 by changing the saturation by 10% instead.

 50.9383, 0.3458,
0.2890


 50.9383, 0.3458,
0.2890

390.3240, 0.3298,
0.3081

 36.1595, 0.3496,
0.2845


 91.5636, 0.3401,
0.2957

 24.5574, 0.3545,
0.2789


 118.1788, 0.3379,
0.2983

 15.7476, 0.3607,
0.2716


149.5084, 0.3361,
0.3005

 9.3457, 0.3692,
0.2619

185.9366, 0.3345,
0.3024

 4.9674, 0.3813,
0.2484

227.8478, 0.3331,
0.3041

 2.2281, 0.3998,
0.2280

275.6266, 0.3319,

 0.7353, 0.4326,

0.3056

0.1929

329.6572, 0.3308,
0.3069

0.0000, 0.7218,
0.0000

0.0000, 0.0000,
0.0000

50.9383, 0.3458,
0.2890

50.9383, 0.3458,
0.2890

42.3387, 0.3613,
0.2753

61.2196, 0.3327,
0.3028

35.3228, 0.3794,
0.2625

73.2597, 0.3218,
0.3163

29.7933, 0.3999,
0.2516

87.1392, 0.3127,
0.3290

25.6390, 0.4226,
0.2438

97.0479, 0.3054,
0.3322

■ 22.7330, 0.4464,
0.2404

■ 97.2610, 0.3035,
0.3290

■ 20.9243, 0.4704,
0.2423

■ 19.9596, 0.4935,
0.2492

■ 19.9584, 0.4935,
0.2492

Harmonies

Analogous

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



50.9383, 0.3003, 0.2661



50.9383, 0.3458, 0.2890



50.9383, 0.3840, 0.3213

Triad

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



50.9383, 0.3458, 0.2890



50.9383, 0.3627, 0.4082



50.9383, 0.2313, 0.2907

Complementary

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



50.9383, 0.3458, 0.2890



74.9450, 0.2891, 0.3730

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.



50.9383, 0.2454, 0.3308



50.9383, 0.3458, 0.2890



50.9383, 0.3200, 0.4039

Square

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



50.9383, 0.3458, 0.2890



50.9383, 0.3931, 0.3893



50.9383, 0.2772, 0.3743



50.9383, 0.2369, 0.2651

Rectangle

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



50.9383, 0.3458, 0.2890



50.9383, 0.3985, 0.3453



50.9383, 0.2772, 0.3743



50.9383, 0.2339, 0.3028

Sweetspot

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



50.9406, 0.3458, 0.2890



85.5234, 0.3208, 0.3175



46.9704, 0.2860, 0.2473



17.8397, 0.3223, 0.3156



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.



50.9406, 0.3458, 0.2890



52.1968, 0.3550, 0.2805



49.4062, 0.3790, 0.3279



15.8944, 0.3213, 0.3169



10.9551, 0.4900, 0.2473



0.9315, 0.4617, 0.2317

Inverse Universe

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



50.9406, 0.3458, 0.2890



52.1968, 0.3550, 0.2805



76.8517, 0.2701, 0.3302



15.8944, 0.3213, 0.3169



10.9551, 0.4900, 0.2473



0.9315, 0.4617, 0.2317

Previews

White Background



This preview shows how the Yxy color 50.9383, 0.3458, 0.2890 looks on a white background.

Color Contrast Check

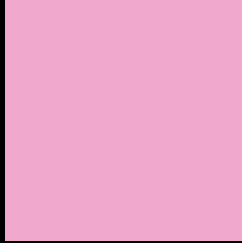
Large Text (above 18pt) WCAG AA × Fail

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 50.9383, 0.3458, 0.2890 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 50.9383, 0.3458, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 50.9383, 0.3458, 0.2890.



This preview shows how white text looks on a background with the Yxy color 50.9383, 0.3458, 0.2890.

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

50.9383, 0.3458, 0.2890

Protanopia

51.2187, 0.2877, 0.2924

Deuteranopia

51.1018, 0.3137, 0.3074



Tritanopia

51.1850, 0.3614, 0.3147

Trichromacy



Original Color

50.9383, 0.3458, 0.2890



Protanomaly

50.6892, 0.3070, 0.2912



Deuteranomaly

50.7515, 0.3252, 0.3000



Tritanomaly

51.2823, 0.3561, 0.3060

Monochromacy



Original Color

50.9383, 0.3458, 0.2890



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.6240, 0.3243, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9383, 0.3458, 0.2890 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(240, 168, 205)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 205)  
}
```

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(240, 168, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 205) }
```

Border

The CSS property to change the border of an element to Yxy 50.9383, 0.3458, 0.2890 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(240, 168, 205) }
```

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

```
.border{ border-color:rgb(240, 168, 205) }
```

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

Here you see how a box with a 4 pixel rgb(240, 168, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 205);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9383, 0.3458, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 205) }
```

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

```
.background{ background-color: rgb(240,  
168, 205) }
```

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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