

Converting Colors

Yxy(51.0055, 0.3657, 0.3117)

Have a look what the booklet for
Yxy(51.0055, 0.3657, 0.3117)
contains.

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Color

Yxy(50.7560, 0.3657, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	F2A9B9
RGB	242, 169, 185
RGB Percent	95%, 66%, 73%
CMY	0.0509, 0.3373, 0.2744
CMYK	0.00, 0.30, 0.24, 0.05
HSL	347°, 74%, 81%
HSV	347°, 30%, 95%
XYZ	59.5683, 50.7560, 52.5641
YIQ	192.6510, 38.3720, 20.4520

Conversions

Conversions Part 2

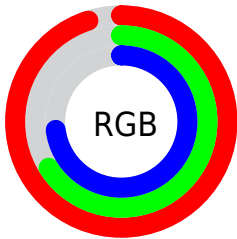
Format	Color
R _Y B	242, 169, 185
Decimal	15903161
CIE Lab	76.53, 29.05, 2.64
CIE LCh	77, 29.166, 5.198
Yxy	50.7560, 0.3657, 0.3116
Android (android.graphics.Color)	4294093241 (0xFFFF2A9B9)
YUV	192.6510, -3.7719, 43.2791
Hunter-Lab	71.2432, 24.5726, 6.1254

Details

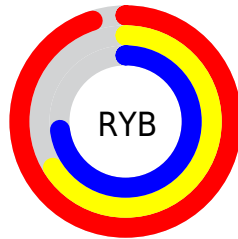
The Yxy color **50.7560, 0.3657, 0.3116** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77.4398, 0.2774, 0.3474**, and the grayscale version is **53.1207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4613, 0.3232, 0.3133**, and **24.4710, 0.3810, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **41.8261, 0.3918, 0.3057**, and if you desaturate by 10%, it is **61.4632, 0.3443, 0.3176**.

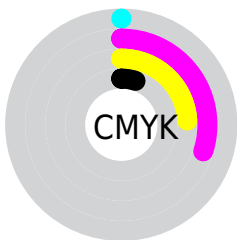
Distribution



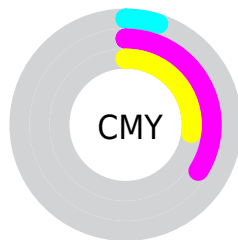
- Red (95%)
- Green (66%)
- Blue (73%)



- Red (95%)
- Yellow (66%)
- Blue (73%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7560, 0.3657, 0.3116 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 50.7560, 0.3657, 0.3116 by changing the saturation by 10% instead.


 50.7560, 0.3657,
0.3116


 50.7560, 0.3657,
0.3116


389.6150, 0.3395,
0.3204

 36.0145, 0.3721,
0.3094


 91.2940, 0.3562,
0.3148

 24.4454, 0.3804,
0.3066


 117.8592, 0.3527,
0.3160

 15.6643, 0.3912,
0.3028


149.1345, 0.3496,
0.3170

 9.2869, 0.4061,
0.2975

185.5042, 0.3470,
0.3179

 4.9288, 0.4279,
0.2896

227.3527, 0.3448,
0.3186

 2.2056, 0.4626,
0.2767

275.0644, 0.3428,

 0.7230, 0.5353,

0.3193

0.2535

329.0237, 0.3411,
0.3199

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7560, 0.3657,
0.3116

50.7560, 0.3657,
0.3116

41.8261, 0.3918,
0.3057

61.4632, 0.3443,
0.3176

34.5702, 0.4232,
0.3004

74.0294, 0.3270,
0.3234

28.8850, 0.4596,
0.2966

88.5401, 0.3129,
0.3289

24.6533, 0.4996,
0.2951

97.6202, 0.3048,
0.3290

■ 21.7408, 0.5403,
0.2970

■ 19.9882, 0.5772,
0.3028

■ 19.1381, 0.6058,
0.3111

Harmonies

Analogous

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



50.7560, 0.3282, 0.2848



50.7560, 0.3657, 0.3116



50.7560, 0.3886, 0.3435

Triad

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



50.7560, 0.3657, 0.3116



50.7560, 0.3334, 0.3991



50.7560, 0.2410, 0.2784

Complementary

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



50.7560, 0.3657, 0.3116



77.4398, 0.2774, 0.3474

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.



50.7560, 0.2423, 0.3067



50.7560, 0.3657, 0.3116



50.7560, 0.2940, 0.3802

Square

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



50.7560, 0.3657, 0.3116



50.7560, 0.3686, 0.3956



50.7560, 0.2611, 0.3447



50.7560, 0.2573, 0.2654

Rectangle

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



50.7560, 0.3657, 0.3116



50.7560, 0.3917, 0.3646



50.7560, 0.2611, 0.3447



50.7560, 0.2394, 0.2863

Sweetspot

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



50.7584, 0.3657, 0.3116



85.1207, 0.3252, 0.3241



50.7907, 0.3023, 0.2506



17.7409, 0.3274, 0.3233



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.



50.7584, 0.3657, 0.3116



50.9585, 0.3806, 0.3081



57.9117, 0.3744, 0.3505



15.8156, 0.3259, 0.3238



10.2961, 0.6021, 0.3090



0.8709, 0.5660, 0.2892

Inverse Universe

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



50.7584, 0.3657, 0.3116



50.9585, 0.3806, 0.3081



67.3789, 0.2667, 0.3063



15.8156, 0.3259, 0.3238



10.2961, 0.6021, 0.3090



0.8709, 0.5660, 0.2892

Previews

White Background



This preview shows how the Yxy color 50.7560, 0.3657, 0.3116 looks on a white background.

Color Contrast Check

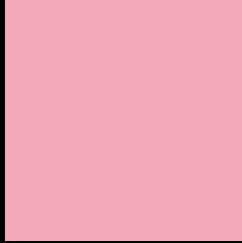
Large Text (above 18pt) WCAG AA × Fail

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 50.7560, 0.3657, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

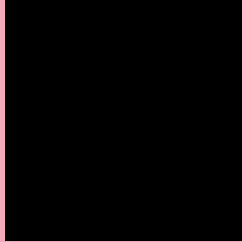
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7560, 0.3657, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 50.7560, 0.3657, 0.3116.



This preview shows how white text looks on a background with the Yxy color 50.7560, 0.3657, 0.3116.

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

50.7560, 0.3657, 0.3116

Protanopia

51.0283, 0.3091, 0.3191

Deuteranopia

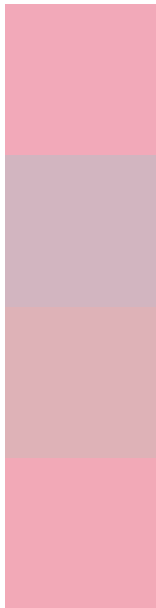
50.9460, 0.3368, 0.3303



Tritanopia

50.6306, 0.3685, 0.3149

Trichromacy



Original Color

50.7560, 0.3657, 0.3116

Protanomaly

50.5552, 0.3288, 0.3159

Deuteranomaly

50.7893, 0.3475, 0.3233

Tritanomaly

50.6721, 0.3676, 0.3138

Monochromacy



Original Color

50.7560, 0.3657, 0.3116

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

51.8476, 0.3309, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7560, 0.3657, 0.3116 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(242, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(242, 169, 185)  
}
```

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(242, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 169, 185) }
```

Border

The CSS property to change the border of an element to Yxy 50.7560, 0.3657, 0.3116 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(242, 169, 185) }
```

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

```
.border{ border-color:rgb(242, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(242, 169,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7560, 0.3657, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 169, 185) }
```

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

```
.background{ background-color: rgb(242,  
169, 185) }
```

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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