

Converting Colors

Yxy(50.6136, 0.3625, 0.3039)

Have a look what the booklet for
Yxy(50.6136, 0.3625, 0.3039)
contains.

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Color

Yxy(50.5882, 0.3633, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	F4A7BE
RGB	244, 167, 190
RGB Percent	96%, 65%, 75%
CMY	0.0432, 0.3450, 0.2549
CMYK	0.00, 0.32, 0.22, 0.04
HSL	342°, 78%, 81%
HSV	342°, 32%, 96%
XYZ	60.4165, 50.5882, 55.2945
YIQ	192.6450, 38.5090, 23.4770

Conversions

Conversions Part 2

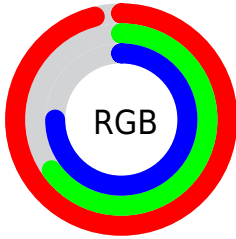
Format	Color
R_{YB}	244, 167, 190
Decimal	16033726
CIE _{Lab}	76.43, 31.51, -0.20
CIE _{LCh}	76, 31.508, 359.628
Yxy	50.5882, 0.3633, 0.3042
Android (android.graphics.Color)	4294223806 (0xFFFF4A7BE)
YUV	192.6450, -1.3040, 45.0383
Hunter-Lab	71.1254, 27.1550, 3.6944

Details

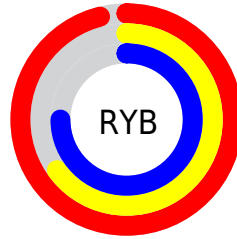
The Yxy color **50.5882, 0.3633, 0.3042** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.1285, 0.2792, 0.3556**, and the grayscale version is **53.1014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6892, 0.3201, 0.3065**, and **24.2799, 0.3763, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **41.7728, 0.3871, 0.2962**, and if you desaturate by 10%, it is **61.1825, 0.3436, 0.3124**.

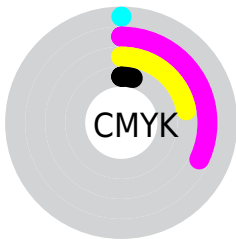
Distribution



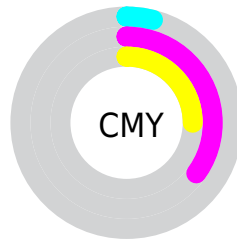
- Red (96%)
- Green (65%)
- Blue (75%)



- Red (96%)
- Yellow (65%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5882, 0.3633, 0.3042 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 50.5882, 0.3633, 0.3042 by changing the saturation by 10% instead.


 50.5882, 0.3633,
0.3042


 50.5882, 0.3633,
0.3042


388.9617, 0.3384,
0.3164

 35.8810, 0.3694,
0.3012


 91.0458, 0.3543,
0.3086

 24.3423, 0.3772,
0.2974


 117.5649, 0.3509,
0.3103

 15.5877, 0.3874,
0.2924


148.7902, 0.3481,
0.3117

 9.2329, 0.4015,
0.2855

185.1059, 0.3456,
0.3129

 4.8934, 0.4219,
0.2755

226.8965, 0.3434,
0.3139

 2.1849, 0.4543,
0.2598

274.5465, 0.3415,

 0.7117, 0.5162,

0.3149

0.2294

328.4401, 0.3399,
0.3157

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5882, 0.3633,
0.3042

50.5882, 0.3633,
0.3042

41.7728, 0.3871,
0.2962

61.1825, 0.3436,
0.3124

34.6310, 0.4155,
0.2890

73.6391, 0.3276,
0.3204

29.0577, 0.4482,
0.2836

88.0447, 0.3145,
0.3279

24.9323, 0.4842,
0.2811

97.9700, 0.3060,
0.3290

■ 22.1170, 0.5212,
0.2828

■ 20.4461, 0.5558,
0.2892

■ 19.7092, 0.5810,
0.2974

Harmonies

Analogous

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



50.5882, 0.3211, 0.2772



50.5882, 0.3633, 0.3042



50.5882, 0.3920, 0.3378

Triad

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



50.5882, 0.3633, 0.3042



50.5882, 0.3426, 0.4062



50.5882, 0.2344, 0.2788

Complementary

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



50.5882, 0.3633, 0.3042



78.1285, 0.2792, 0.3556

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.



50.5882, 0.2393, 0.3117



50.5882, 0.3633, 0.3042



50.5882, 0.3000, 0.3902

Square

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



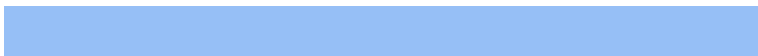
50.5882, 0.3633, 0.3042



50.5882, 0.3786, 0.3977



50.5882, 0.2626, 0.3537



50.5882, 0.2484, 0.2618

Rectangle

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



50.5882, 0.3633, 0.3042



50.5882, 0.3984, 0.3608



50.5882, 0.2626, 0.3537



50.5882, 0.2339, 0.2881

Sweetspot

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



50.5906, 0.3633, 0.3042



85.2277, 0.3240, 0.3223



49.5287, 0.2975, 0.2459



17.7671, 0.3260, 0.3212



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.



50.5906, 0.3633, 0.3042



49.3373, 0.3784, 0.2989



55.6440, 0.3799, 0.3460



16.5640, 0.3247, 0.3220



10.7394, 0.5769, 0.2952



0.9612, 0.5415, 0.2757

Inverse Universe

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



50.5906, 0.3633, 0.3042



49.3373, 0.3784, 0.2989



70.5593, 0.2654, 0.3112



16.5640, 0.3247, 0.3220



10.7394, 0.5769, 0.2952



0.9612, 0.5415, 0.2757

Previews

White Background



This preview shows how the Yxy color 50.5882, 0.3633, 0.3042 looks on a white background.

Color Contrast Check

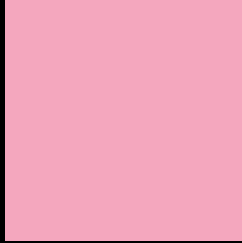
Large Text (above 18pt) WCAG AA × Fail

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 50.5882, 0.3633, 0.3042 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 50.5882, 0.3633, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 50.5882, 0.3633, 0.3042.



This preview shows how white text looks on a background with the Yxy color 50.5882, 0.3633, 0.3042.

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

50.5882, 0.3633, 0.3042

Protanopia

50.9221, 0.3022, 0.3116

Deuteranopia

50.8647, 0.3309, 0.3242



Tritanopia

50.3961, 0.3706, 0.3149

Trichromacy



Original Color

50.5882, 0.3633, 0.3042



Protanomaly

50.1296, 0.3223, 0.3076



Deuteranomaly

50.4473, 0.3424, 0.3163



Tritanomaly

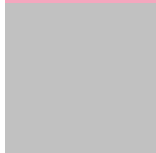
50.5206, 0.3678, 0.3117

Monochromacy



Original Color

50.5882, 0.3633, 0.3042



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.0838, 0.3301, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5882, 0.3633, 0.3042 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(244, 167, 190)` looks like.

```
.text, #text, p{  
    color:rgb(244, 167, 190)  
}
```

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(244, 167, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 167, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.5882, 0.3633, 0.3042 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(244, 167, 190) }
```

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

```
.border{ border-color:rgb(244, 167, 190) }
```

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

Here you see how a box with a 4 pixel rgb(244, 167, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 167, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 167, 190);  
box-shadow:4px 4px 4px 4px rgb(244, 167,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5882, 0.3633, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 167, 190) }
```

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

```
.background{ background-color: rgb(244,  
167, 190) }
```

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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