

Converting Colors

Yxy(50.7462, 0.3721, 0.2966)

Have a look what the booklet for
Yxy(50.7462, 0.3721, 0.2966)
contains.

Yxy(50.6000, 0.3718, 0.2958)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.6000, 0.3718, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1C1
RGB	255, 161, 193
RGB Percent	100%, 63%, 76%
CMY	0.0001, 0.3685, 0.2432
CMYK	0.00, 0.37, 0.24, 0.00
HSL	340°, 100%, 82%
HSV	340°, 37%, 100%
XYZ	63.6007, 50.6000, 56.8609
YIQ	192.7540, 45.7520, 29.8800

Conversions

Conversions Part 2

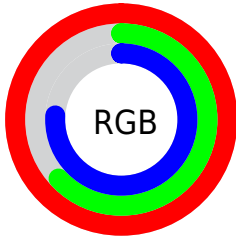
Format	Color
R _Y B	255, 161, 193
Decimal	16753089
CIE Lab	76.44, 38.90, -1.69
CIE LCh	76, 38.937, 357.520
Yxy	50.6000, 0.3718, 0.2958
Android (android.graphics.Color)	4294943169 (0xFFFFA1C1)
YUV	192.7540, 0.1213, 54.5897
Hunter-Lab	71.1337, 35.1131, 2.4000

Details

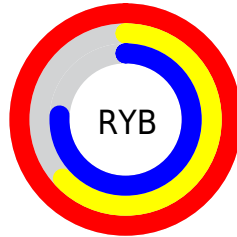
The Yxy color $50.6000, 0.3718, 0.2958$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $84.4070, 0.2762, 0.3655$, and the grayscale version is $53.1574, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.7253, 0.3184, 0.2977$, and $24.3543, 0.3866, 0.2865$ is the 20% darker color. If you saturate the color by 10%, you get $41.8711, 0.3963, 0.2870$, and if you desaturate by 10%, it is $61.2360, 0.3513, 0.3051$.

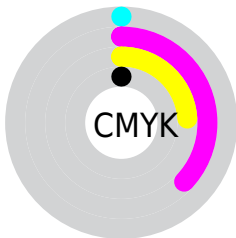
Distribution



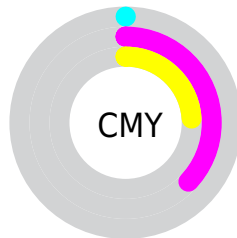
- Red (100%)
- Green (63%)
- Blue (76%)



- Red (100%)
- Yellow (63%)
- Blue (76%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6000, 0.3718, 0.2958 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 50.6000, 0.3718, 0.2958 by changing the saturation by 10% instead.

 50.6000, 0.3718,
0.2958

 50.6000, 0.3718,
0.2958


389.0077, 0.3428,
0.3120

 35.8904, 0.3789,
0.2919


 91.0632, 0.3614,
0.3016

 24.3495, 0.3879,
0.2869


 117.5856, 0.3574,
0.3038

 15.5931, 0.3996,
0.2804


148.8144, 0.3541,
0.3057

 9.2367, 0.4158,
0.2716

185.1339, 0.3512,
0.3073

 4.8959, 0.4390,
0.2590

226.9286, 0.3487,
0.3087

 2.1863, 0.4754,
0.2395

274.5829, 0.3465,

 0.7125, 0.5414,

0.3099

0.2034

328.4811, 0.3445,
0.3110

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6000, 0.3718,
0.2958

50.6000, 0.3718,
0.2958

41.8711, 0.3963,
0.2870

61.2360, 0.3513,
0.3051

34.9280, 0.4250,
0.2796

73.8762, 0.3344,
0.3144

29.6468, 0.4574,
0.2747

88.6200, 0.3207,
0.3232

25.8846, 0.4919,
0.2736

99.9939, 0.3127,
0.3290

■ 23.4736, 0.5263,
0.2774

■ 22.2024, 0.5574,
0.2861

■ 21.9380, 0.5664,
0.2894

Harmonies

Analogous

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



50.6000, 0.3188, 0.2644



50.6000, 0.3718, 0.2958



50.6000, 0.4093, 0.3356

Triad

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



50.6000, 0.3718, 0.2958



50.6000, 0.3520, 0.4254



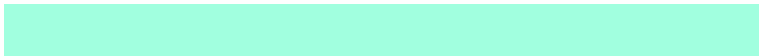
50.6000, 0.2174, 0.2689

Complementary

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



50.6000, 0.3718, 0.2958



84.4070, 0.2762, 0.3655

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.



50.6000, 0.2245, 0.3101



50.6000, 0.3718, 0.2958



50.6000, 0.2999, 0.4084

Square

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



50.6000, 0.3718, 0.2958



50.6000, 0.3957, 0.4110



50.6000, 0.2537, 0.3632



50.6000, 0.2326, 0.2478

Rectangle

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



50.6000, 0.3718, 0.2958



50.6000, 0.4185, 0.3635



50.6000, 0.2537, 0.3632



50.6000, 0.2173, 0.2806

Sweetspot

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



50.6024, 0.3718, 0.2958



82.2557, 0.3260, 0.3196



48.2601, 0.2904, 0.2299



17.1772, 0.3279, 0.3184



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.



50.6024, 0.3718, 0.2958



44.1802, 0.3889, 0.2894



54.5335, 0.3976, 0.3441



18.0891, 0.3240, 0.3209



11.4913, 0.5621, 0.2870



1.1384, 0.5304, 0.2695

Inverse Universe

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



50.6024, 0.3718, 0.2958



44.1802, 0.3889, 0.2894



77.6351, 0.2588, 0.3131



18.0891, 0.3240, 0.3209



11.4913, 0.5621, 0.2870



1.1384, 0.5304, 0.2695

Previews

White Background



This preview shows how the Yxy color 50.6000, 0.3718, 0.2958 looks on a white background.

Color Contrast Check

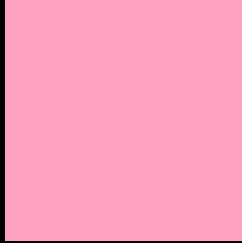
Large Text (above 18pt) WCAG AA × Fail

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 50.6000, 0.3718, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

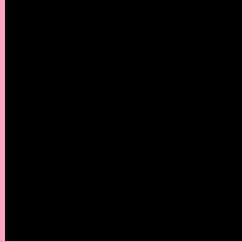
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6000, 0.3718, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 50.6000, 0.3718, 0.2958.



This preview shows how white text looks on a background with the Yxy color 50.6000, 0.3718, 0.2958.

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

50.6000, 0.3718, 0.2958

Protanopia

51.0090, 0.2956, 0.3031

Deuteranopia

50.8065, 0.3284, 0.3218



Tritanopia

50.5682, 0.3857, 0.3165

Trichromacy



Original Color

50.6000, 0.3718, 0.2958



Protanomaly

50.0015, 0.3209, 0.2996



Deuteranomaly

50.2249, 0.3437, 0.3118



Tritanomaly

50.6426, 0.3810, 0.3092

Monochromacy



Original Color

50.6000, 0.3718, 0.2958



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.4969, 0.3332, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6000, 0.3718, 0.2958 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(255, 161, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 193)  
}
```

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(255, 161, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 193) }
```

Border

The CSS property to change the border of an element to Yxy 50.6000, 0.3718, 0.2958 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(255, 161, 193) }
```

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

```
.border{ border-color:rgb(255, 161, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 161, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 161, 193); box-shadow:4px 4px 4px 4px rgb(255, 161, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6000, 0.3718, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 193) }
```

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

```
.background{ background-color: rgb(255,  
161, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor