

Converting Colors

$Y_{xy}(66.3422, 0.4002, 0.3215)$

Have a look what the booklet for
Yxy(66.3422, 0.4002, 0.3215)
contains.

| | |
|---|----|
| Yxy(58.4336, 0.3693, 0.3208) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(58.4336, 0.3693, 0.3208)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB6BE |
| RGB | 255, 182, 190 |
| RGB Percent | 100%, 71%, 75% |
| CMY | 0.0000, 0.2863, 0.2549 |
| CMYK | 0.00, 0.29, 0.25, 0.00 |
| HSL | 353°, 100%, 86% |
| HSV | 353°, 29%, 100% |
| XYZ | 67.2679, 58.4336, 56.4482 |
| YIQ | 204.7390, 40.9400, 17.9640 |

Conversions

Conversions Part 2

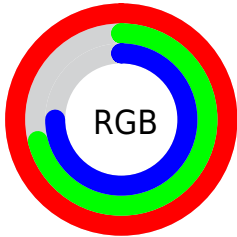
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 182, 190 |
| Decimal | 16758462 |
| CIE Lab | 80.98, 27.57, 6.54 |
| CIE LCh | 81, 28.332, 13.344 |
| Yxy | 58.4336, 0.3693, 0.3208 |
| Android (android.graphics.Color) | 4294948542 (0xFFFFB6BE) |
| YUV | 204.7390, -7.2663, 44.0789 |
| Hunter-Lab | 76.4419, 23.3044, 9.7269 |

Details

The Yxy color **58.4336, 0.3693, 0.3208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1799, 0.2750, 0.3375**, and the grayscale version is **60.9012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0629, 0.3190, 0.3213**, and **29.1148, 0.3841, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **48.0050, 0.3987, 0.3179**, and if you desaturate by 10%, it is **70.9159, 0.3454, 0.3238**.

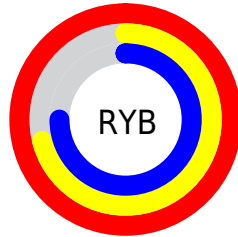
Distribution



Red (100%)

Green (71%)

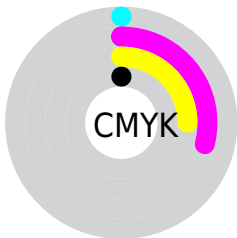
Blue (75%)



Red (100%)

Yellow (71%)

Blue (75%)

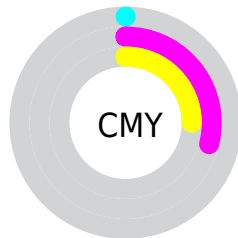


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4336, 0.3693, 0.3208 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 58.4336, 0.3693, 0.3208 by changing the saturation by 10% instead.

 58.4336, 0.3693,
0.3208

 58.4336, 0.3693,
0.3208

418.7997, 0.3419,
0.3252

 42.1573, 0.3759,
0.3196


 102.5540, 0.3595,
0.3224

 29.2245, 0.3842,
0.3181


131.1669, 0.3558,
0.3230

 19.2507, 0.3950,
0.3161


164.6609, 0.3526,
0.3235

 11.8516, 0.4095,
0.3132

203.4203, 0.3499,
0.3240

 6.6427, 0.4302,
0.3087

247.8294, 0.3475,
0.3243

 3.2397, 0.4619,
0.3011


298.2728, 0.3454,


 1.2581, 0.5159,


0.3247


0.2867


355.1347, 0.3435,
0.3249


 0.1084, 0.8774,
0.1226


 0.0000, 0.0000,
0.0000


 58.4336, 0.3693,
0.3208

 58.4336, 0.3693,
0.3208

 48.0050, 0.3987,
0.3179


 70.9159, 0.3454,
0.3238

 39.5235, 0.4343,
0.3153

 85.5578, 0.3262,
0.3267

 32.8670, 0.4756,
0.3136

100.0000, 0.3127,
0.3290

 27.9012, 0.5206,
0.3133

■ 24.4733, 0.5650,
0.3149

■ 22.4028, 0.6023,
0.3187

■ 21.4352, 0.6272,
0.3237

■ 21.3436, 0.6297,
0.3243

Harmonies

Analogous

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



58.4336, 0.3373, 0.2938



58.4336, 0.3693, 0.3208



58.4336, 0.3854, 0.3509

Triad

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



58.4336, 0.3693, 0.3208



58.4336, 0.3221, 0.3910



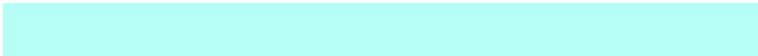
58.4336, 0.2485, 0.2773

Complementary

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



58.4336, 0.3693, 0.3208



88.1799, 0.2750, 0.3375

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.



58.4336, 0.2452, 0.3002



58.4336, 0.3693, 0.3208



58.4336, 0.2862, 0.3683

Square

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



58.4336, 0.3693, 0.3208



58.4336, 0.3568, 0.3936



58.4336, 0.2585, 0.3338



58.4336, 0.2679, 0.2690

Rectangle

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



58.4336, 0.3693, 0.3208



58.4336, 0.3844, 0.3697



58.4336, 0.2585, 0.3338



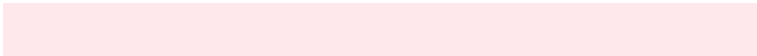
58.4336, 0.2455, 0.2834

Sweetspot

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



58.4323, 0.3693, 0.3208



84.9745, 0.3268, 0.3266



60.3548, 0.3095, 0.2560



17.7051, 0.3294, 0.3262



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.



58.4323, 0.3693, 0.3208



52.5827, 0.3844, 0.3192



70.7212, 0.3682, 0.3580



18.0194, 0.3277, 0.3264



11.1628, 0.6273, 0.3229



1.0969, 0.6047, 0.3105

Inverse Universe

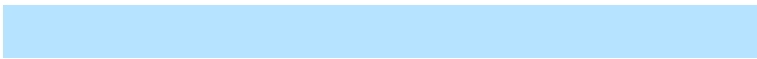
The Inverse Universe completely reimagines the original color for something new.



58.4323, 0.3693, 0.3208



52.5827, 0.3844, 0.3192



72.1113, 0.2678, 0.2979



18.0194, 0.3277, 0.3264



11.1628, 0.6273, 0.3229



1.0969, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 58.4336, 0.3693, 0.3208 looks on a white background.

Color Contrast Check

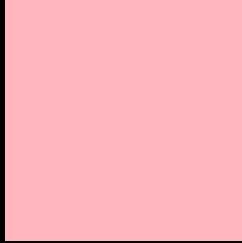
Large Text (above 18pt) WCAG AA × Fail

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 58.4336, 0.3693, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

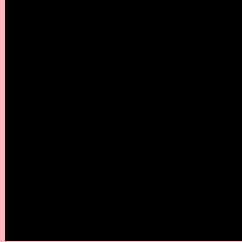
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4336, 0.3693, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 58.4336, 0.3693, 0.3208.



This preview shows how white text looks on a background with the Yxy color 58.4336, 0.3693, 0.3208.

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

58.4336, 0.3693, 0.3208

Protanopia

58.4578, 0.3166, 0.3290

Deuteranopia

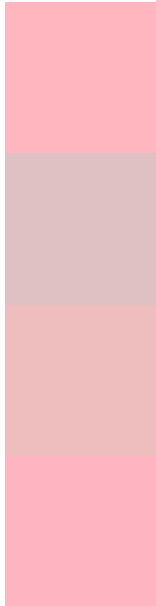
58.3832, 0.3437, 0.3359



Tritanopia

58.2479, 0.3651, 0.3146

Trichromacy



Original Color

58.4336, 0.3693, 0.3208

Protanomaly

57.8134, 0.3350, 0.3257

Deuteranomaly

58.5056, 0.3529, 0.3302

Tritanomaly

58.1580, 0.3669, 0.3166

Monochromacy



Original Color

58.4336, 0.3693, 0.3208

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.7906, 0.3313, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4336, 0.3693, 0.3208 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, 182, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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(255, 182, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 190) }
```

Border

The CSS property to change the border of an element to Yxy 58.4336, 0.3693, 0.3208 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, 182, 190) }
```

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

```
.border{ border-color:rgb(255, 182, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4336, 0.3693, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 190) }
```

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

```
.background{ background-color: rgb(255,  
182, 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](#).

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