

Converting Colors

$Yxy(58.6052, 0.3678, 0.3195)$

Have a look what the booklet for
Yxy(58.6052, 0.3678, 0.3195)
contains.

Yxy(58.5217, 0.3675, 0.3187)	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(58.5217, 0.3675, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6C0
RGB	255, 182, 192
RGB Percent	100%, 71%, 75%
CMY	0.0000, 0.2862, 0.2470
CMYK	0.00, 0.29, 0.25, 0.00
HSL	352°, 100%, 86%
HSV	352°, 29%, 100%
XYZ	67.4827, 58.5217, 57.6219
YIQ	204.9670, 40.2980, 18.5860

Conversions

Conversions Part 2

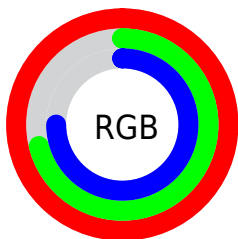
Format	Color
R _Y B	255, 182, 192
Decimal	16758464
CIE Lab	81.03, 27.83, 5.52
CIE LCh	81, 28.372, 11.212
Yxy	58.5217, 0.3675, 0.3187
Android (android.graphics.Color)	4294948544 (0xFFFFB6C0)
YUV	204.9670, -6.3927, 43.8789
Hunter-Lab	76.4995, 23.5865, 8.8904

Details

The Yxy color **58.5217, 0.3675, 0.3187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.0531, 0.2760, 0.3397**, and the grayscale version is **61.0529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1864, 0.3178, 0.3193**, and **29.1727, 0.3817, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **48.1097, 0.3959, 0.3150**, and if you desaturate by 10%, it is **70.9865, 0.3444, 0.3225**.

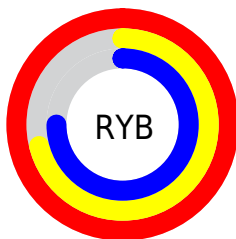
Distribution



Red (100%)

Green (71%)

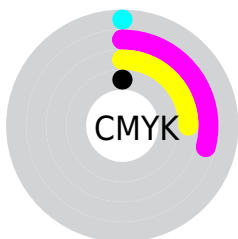
Blue (75%)



Red (100%)

Yellow (71%)

Blue (75%)

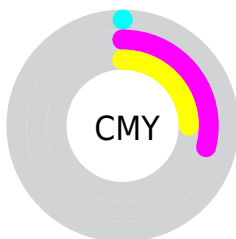


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5217, 0.3675, 0.3187 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 58.5217, 0.3675, 0.3187 by changing the saturation by 10% instead.

 58.5217, 0.3675,
0.3187

 58.5217, 0.3675,
0.3187


419.1271, 0.3410,
0.3240

 42.2282, 0.3739,
0.3173


 102.6822, 0.3581,
0.3207

 29.2800, 0.3819,
0.3156


131.3180, 0.3545,
0.3214

 19.2928, 0.3923,
0.3132


164.8366, 0.3514,
0.3220

 11.8820, 0.4063,
0.3099

203.6226, 0.3487,
0.3225

 6.6634, 0.4263,
0.3049

248.0602, 0.3464,
0.3230

 3.2525, 0.4568,
0.2968


298.5339, 0.3444,

 1.2649, 0.5086,


0.3234


0.2814


355.4281, 0.3426,
0.3237


 0.1138, 0.8737,
0.1263


 0.0000, 0.0000,
0.0000


 58.5217, 0.3675,
0.3187


 58.5217, 0.3675,
0.3187

 48.1097, 0.3959,
0.3150


 70.9865, 0.3444,
0.3225

 39.6326, 0.4303,
0.3117

 85.5974, 0.3258,
0.3261

 32.9730, 0.4703,
0.3095

99.9988, 0.3127,
0.3290

 27.9976, 0.5141,
0.3088

■ 24.5545, 0.5578,
0.3106

■ 22.4646, 0.5957,
0.3149

■ 21.4752, 0.6223,
0.3211

■ 21.3802, 0.6252,
0.3218

Harmonies

Analogous

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



58.5217, 0.3347, 0.2922



58.5217, 0.3675, 0.3187



58.5217, 0.3850, 0.3488

Triad

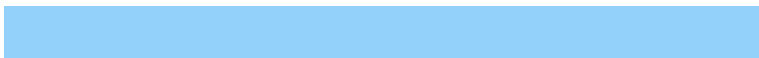
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5217, 0.3675, 0.3187



58.5217, 0.3247, 0.3919



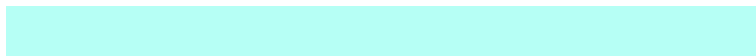
58.5217, 0.2477, 0.2784

Complementary

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



58.5217, 0.3675, 0.3187



88.0531, 0.2760, 0.3397

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.



58.5217, 0.2455, 0.3023



58.5217, 0.3675, 0.3187



58.5217, 0.2886, 0.3705

Square

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



58.5217, 0.3675, 0.3187



58.5217, 0.3590, 0.3931



58.5217, 0.2600, 0.3363



58.5217, 0.2660, 0.2691

Rectangle

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



58.5217, 0.3675, 0.3187



58.5217, 0.3850, 0.3678



58.5217, 0.2600, 0.3363



58.5217, 0.2451, 0.2849

Sweetspot

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



58.5244, 0.3675, 0.3187



85.0111, 0.3264, 0.3259



59.9196, 0.3076, 0.2556



17.7141, 0.3289, 0.3254



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.



58.5244, 0.3675, 0.3187



52.6796, 0.3821, 0.3167



69.5303, 0.3689, 0.3556



18.0277, 0.3273, 0.3258



11.1845, 0.6224, 0.3202



1.1008, 0.5965, 0.3060

Inverse Universe

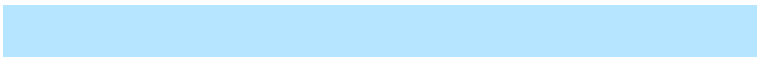
The Inverse Universe completely reimagines the original color for something new.



58.5244, 0.3675, 0.3187



52.6796, 0.3821, 0.3167



73.4526, 0.2681, 0.3007



18.0277, 0.3273, 0.3258



11.1845, 0.6224, 0.3202



1.1008, 0.5965, 0.3060

Previews

White Background



This preview shows how the Yxy color 58.5217, 0.3675, 0.3187 looks on a white background.

Color Contrast Check

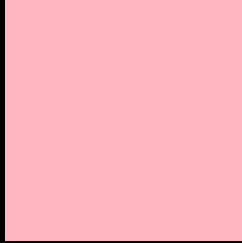
Large Text (above 18pt) WCAG AA × Fail

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 58.5217, 0.3675, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

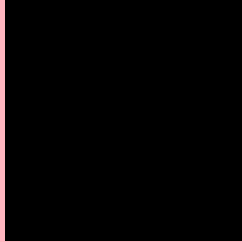
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5217, 0.3675, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 58.5217, 0.3675, 0.3187.



This preview shows how white text looks on a background with the Yxy color 58.5217, 0.3675, 0.3187.

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

58.5217, 0.3675, 0.3187

Protanopia

59.0167, 0.3151, 0.3278

Deuteranopia

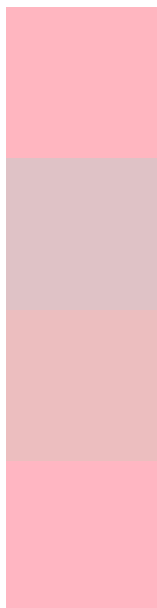
58.7555, 0.3411, 0.3348



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.5217, 0.3675, 0.3187

Protanomaly

58.3488, 0.3332, 0.3245

Deuteranomaly

58.4214, 0.3504, 0.3280

Tritanomaly

58.6109, 0.3658, 0.3166

Monochromacy



Original Color

58.5217, 0.3675, 0.3187

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 58.5217, 0.3675, 0.3187 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 192) }
```

Border

The CSS property to change the border of an element to Yxy 58.5217, 0.3675, 0.3187 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, 192) }
```

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

```
.border{ border-color:rgb(255, 182, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5217, 0.3675, 0.3187 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
182, 192) }
```

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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