

Converting Colors

$Y_{xy}(76.1160, 0.4212, 0.3142)$

Have a look what the booklet for
Yxy(76.1160, 0.4212, 0.3142)
contains.

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Color

Yxy(58.8860, 0.3606, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6C8
RGB	255, 182, 200
RGB Percent	100%, 71%, 78%
CMY	0.0000, 0.2864, 0.2156
CMYK	0.00, 0.29, 0.22, 0.00
HSL	345°, 100%, 86%
HSV	345°, 29%, 100%
XYZ	68.4094, 58.8860, 62.4146
YIQ	205.8790, 37.7300, 21.0740

Conversions

Conversions Part 2

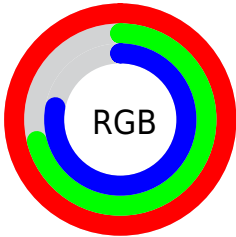
Format	Color
R _Y B	255, 182, 200
Decimal	16758472
CIE Lab	81.23, 29.00, 1.50
CIE LCh	81, 29.036, 2.955
Yxy	58.8860, 0.3606, 0.3104
Android (android.graphics.Color)	4294948552 (0xFFFFB6C8)
YUV	205.8790, -2.8983, 43.0791
Hunter-Lab	76.7372, 24.8385, 5.4922

Details

The Yxy color **58.8860, 0.3606, 0.3104** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5747, 0.2800, 0.3486**, and the grayscale version is **61.6331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **29.3840, 0.3732, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **48.5269, 0.3851, 0.3037**, and if you desaturate by 10%, it is **71.2444, 0.3405, 0.3172**.

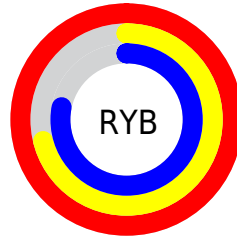
Distribution



Red (100%)

Green (71%)

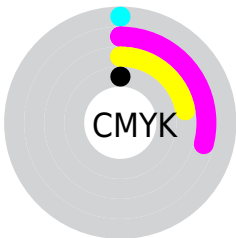
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

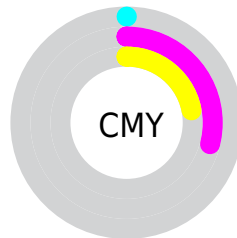


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8860, 0.3606, 0.3104 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 58.8860, 0.3606, 0.3104 by changing the saturation by 10% instead.

 58.8860, 0.3606,
0.3104

 58.8860, 0.3606,
0.3104


420.4793, 0.3375,
0.3194

 42.5214, 0.3661,
0.3082

 103.2120, 0.3524,
0.3136

 29.5097, 0.3730,
0.3055


131.9421, 0.3493,
0.3149

 19.4668, 0.3820,
0.3019


165.5628, 0.3466,
0.3159

 12.0080, 0.3940,
0.2970

204.4585, 0.3443,
0.3168

 6.7492, 0.4111,
0.2901

249.0136, 0.3423,
0.3176

 3.3057, 0.4371,
0.2794


299.6125, 0.3405,

 1.2933, 0.4811,

0.3183

0.2610


356.6396, 0.3389,
0.3189


 0.1360, 0.8234,
0.1338


 0.0000, 0.0000,
0.0000

 58.8860, 0.3606,
0.3104


 58.8860, 0.3606,
0.3104

 48.5269, 0.3851,
0.3037


 71.2444, 0.3405,
0.3172

 40.0821, 0.4145,
0.2975

 85.7240, 0.3242,
0.3237

 33.4266, 0.4489,
0.2927

100.0000, 0.3127,
0.3290

 28.4298, 0.4871,
0.2904

■ 24.9430, 0.5269,
0.2915

■ 22.7907, 0.5641,
0.2969

■ 21.7243, 0.5948,
0.3058

■ 21.6188, 0.5985,
0.3070

Harmonies

Analogous

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



58.8860, 0.3246, 0.2854



58.8860, 0.3606, 0.3104



58.8860, 0.3836, 0.3407

Triad

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



58.8860, 0.3606, 0.3104



58.8860, 0.3352, 0.3958



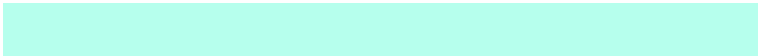
58.8860, 0.2441, 0.2827

Complementary

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



58.8860, 0.3606, 0.3104



87.5747, 0.2800, 0.3486

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.



58.8860, 0.2466, 0.3105



58.8860, 0.3606, 0.3104



58.8860, 0.2978, 0.3793

Square

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



58.8860, 0.3606, 0.3104



58.8860, 0.3679, 0.3912



58.8860, 0.2657, 0.3466



58.8860, 0.2584, 0.2690

Rectangle

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



58.8860, 0.3606, 0.3104



58.8860, 0.3877, 0.3608



58.8860, 0.2657, 0.3466



58.8860, 0.2430, 0.2905

Sweetspot

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



58.8785, 0.3606, 0.3104



85.1580, 0.3248, 0.3235



58.6282, 0.3020, 0.2544



17.7500, 0.3270, 0.3225



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.



58.8785, 0.3606, 0.3104



53.0816, 0.3731, 0.3068



66.0539, 0.3710, 0.3481



18.0607, 0.3255, 0.3231



11.3160, 0.5945, 0.3049



1.1183, 0.5631, 0.2876

Inverse Universe

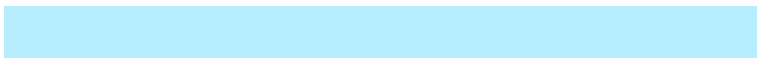
The Inverse Universe completely reimagines the original color for something new.



58.8785, 0.3606, 0.3104



53.0816, 0.3731, 0.3068



77.5833, 0.2689, 0.3089



18.0607, 0.3255, 0.3231



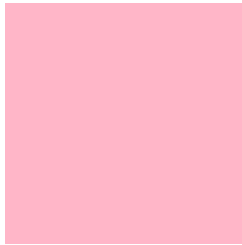
11.3160, 0.5945, 0.3049



1.1183, 0.5631, 0.2876

Previews

White Background



This preview shows how the Yxy color 58.8860, 0.3606, 0.3104 looks on a white background.

Color Contrast Check

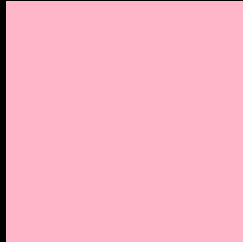
Large Text (above 18pt) WCAG AA × Fail

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 58.8860, 0.3606, 0.3104 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 58.8860, 0.3606, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 58.8860, 0.3606, 0.3104.



This preview shows how white text looks on a background with the Yxy color 58.8860, 0.3606, 0.3104.

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

58.8860, 0.3606, 0.3104

Protanopia

59.1729, 0.3071, 0.3173

Deuteranopia

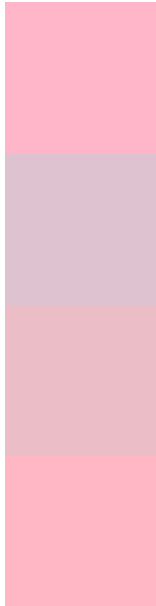
58.7954, 0.3331, 0.3257



Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

58.8860, 0.3606, 0.3104

Protanomaly

58.6182, 0.3255, 0.3144

Deuteranomaly

58.6126, 0.3430, 0.3192

Tritanomaly

59.2042, 0.3621, 0.3135

Monochromacy



Original Color

58.8860, 0.3606, 0.3104

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.1394, 0.3290, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8860, 0.3606, 0.3104 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 200) }
```

Border

The CSS property to change the border of an element to Yxy 58.8860, 0.3606, 0.3104 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, 200) }
```

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

```
.border{ border-color:rgb(255, 182, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8860, 0.3606, 0.3104 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
182, 200) }
```

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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