

Converting Colors

Yxy(58.1472, 0.3654, 0.3146)

Have a look what the booklet for
Yxy(58.1472, 0.3654, 0.3146)
contains.

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Color

Yxy(58.2479, 0.3651, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5C3
RGB	255, 181, 195
RGB Percent	100%, 71%, 76%
CMY	0.0002, 0.2901, 0.2353
CMYK	0.00, 0.29, 0.24, 0.00
HSL	349°, 100%, 85%
HSV	349°, 29%, 100%
XYZ	67.5979, 58.2479, 59.3032
YIQ	204.7220, 39.6100, 20.0420

Conversions

Conversions Part 2

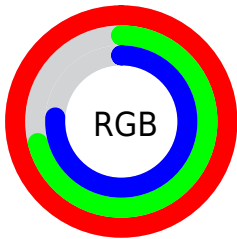
Format	Color
R _Y B	255, 181, 195
Decimal	16758211
CIE _{Lab}	80.88, 28.74, 3.70
CIE _{LCh}	81, 28.974, 7.331
Y _{xy}	58.2479, 0.3651, 0.3146
Android (android.graphics.Color)	4294948291 (0xFFFFB5C3)
YUV	204.7220, -4.7929, 44.0938
Hunter-Lab	76.3203, 24.5393, 7.3540

Details

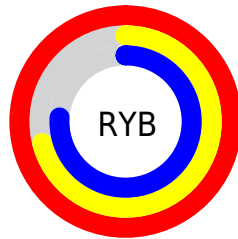
The Yxy color **58.2479, 0.3651, 0.3146** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.6627, 0.2775, 0.3441**, and the grayscale version is **60.8772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7934, 0.3160, 0.3155**, and **28.9721, 0.3796, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **47.9402, 0.3919, 0.3095**, and if you desaturate by 10%, it is **70.5877, 0.3433, 0.3198**.

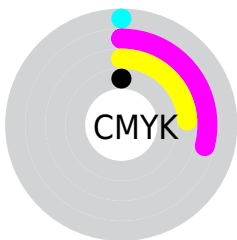
Distribution



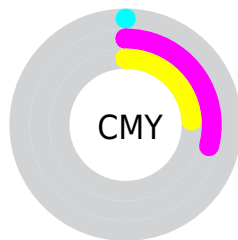
- Red (100%)
- Green (71%)
- Blue (76%)



- Red (100%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (29%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2479, 0.3651, 0.3146 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 58.2479, 0.3651, 0.3146 by changing the saturation by 10% instead.


 58.2479, 0.3651,
0.3146

 58.2479, 0.3651,
0.3146


418.1090, 0.3398,
0.3218

 42.0080, 0.3712,
0.3128


 102.2838, 0.3561,
0.3172

 29.1075, 0.3788,
0.3106


130.8485, 0.3526,
0.3182

 19.1622, 0.3888,
0.3076


164.2903, 0.3497,
0.3190

 11.7875, 0.4022,
0.3034

202.9936, 0.3472,
0.3197

 6.5992, 0.4212,
0.2974

247.3427, 0.3450,
0.3203

 3.2127, 0.4504,
0.2878

297.7220, 0.3430,

 1.2438, 0.4999,

0.3209

0.2705

354.5160, 0.3413,
0.3214

0.0970, 0.8911,
0.1089

0.0000, 0.0000,
0.0000

58.2479, 0.3651,
0.3146

58.2479, 0.3651,
0.3146

47.9402, 0.3919,
0.3095

70.5877, 0.3433,
0.3198

39.5474, 0.4241,
0.3049

85.0520, 0.3256,
0.3248

32.9533, 0.4617,
0.3015

99.9895, 0.3127,
0.3290

28.0254, 0.5032,
0.3003

■ 24.6127, 0.5453,
0.3021

■ 22.5369, 0.5831,
0.3073

■ 21.5376, 0.6119,
0.3151

■ 21.4641, 0.6143,
0.3158

Harmonies

Analogous

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



58.2479, 0.3302, 0.2884



58.2479, 0.3651, 0.3146



58.2479, 0.3855, 0.3452

Triad

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



58.2479, 0.3651, 0.3146



58.2479, 0.3298, 0.3948



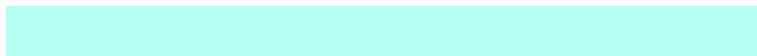
58.2479, 0.2450, 0.2796

Complementary

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



58.2479, 0.3651, 0.3146



87.6627, 0.2775, 0.3441

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.



58.2479, 0.2450, 0.3057



58.2479, 0.3651, 0.3146



58.2479, 0.2925, 0.3754

Square

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



58.2479, 0.3651, 0.3146



58.2479, 0.3639, 0.3932



58.2479, 0.2619, 0.3413



58.2479, 0.2617, 0.2682

Rectangle

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



58.2479, 0.3651, 0.3146



58.2479, 0.3874, 0.3650



58.2479, 0.2619, 0.3413



58.2479, 0.2431, 0.2868

Sweetspot

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



58.2506, 0.3651, 0.3146



85.0798, 0.3256, 0.3248



58.8316, 0.3047, 0.2540



17.7309, 0.3280, 0.3241



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.



58.2506, 0.3651, 0.3146



51.8440, 0.3806, 0.3115



67.3968, 0.3708, 0.3522



18.0431, 0.3264, 0.3245



11.2369, 0.6109, 0.3139



1.1083, 0.5816, 0.2978

Inverse Universe

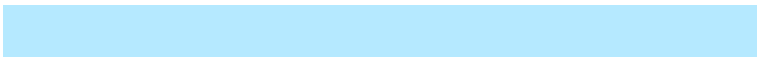
The Inverse Universe completely reimagines the original color for something new.



58.2506, 0.3651, 0.3146



51.8440, 0.3806, 0.3115



75.1927, 0.2680, 0.3045



18.0431, 0.3264, 0.3245



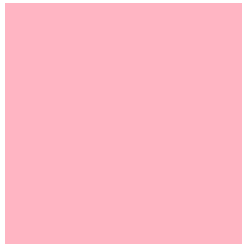
11.2369, 0.6109, 0.3139



1.1083, 0.5816, 0.2978

Previews

White Background



This preview shows how the Yxy color 58.2479, 0.3651, 0.3146 looks on a white background.

Color Contrast Check

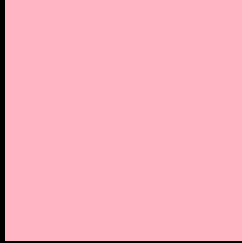
Large Text (above 18pt) WCAG AA × Fail

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 58.2479, 0.3651, 0.3146 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 58.2479, 0.3651, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 58.2479, 0.3651, 0.3146.



This preview shows how white text looks on a background with the Yxy color 58.2479, 0.3651, 0.3146.

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

58.2479, 0.3651, 0.3146

Protanopia

58.4613, 0.3107, 0.3219

Deuteranopia

58.2811, 0.3380, 0.3302



Tritanopia

58.2479, 0.3651, 0.3146

Trichromacy



Original Color

58.2479, 0.3651, 0.3146



Protanomaly

57.9338, 0.3294, 0.3189



Deuteranomaly

57.9524, 0.3473, 0.3236



Tritanomaly

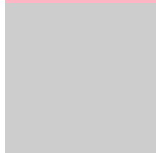
58.2479, 0.3651, 0.3146

Monochromacy



Original Color

58.2479, 0.3651, 0.3146



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.3849, 0.3307, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2479, 0.3651, 0.3146 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, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 195)  
}
```

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, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 195) }
```

Border

The CSS property to change the border of an element to Yxy 58.2479, 0.3651, 0.3146 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, 181, 195) }
```

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

```
.border{ border-color:rgb(255, 181, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 195); box-shadow:4px 4px 4px 4px rgb(255, 181, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2479, 0.3651, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 195) }
```

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

```
.background{ background-color: rgb(255,  
181, 195) }
```

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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