

Converting Colors

$Y_{xy}(100.0000, 0.4639, 0.3205)$

Have a look what the booklet for
Yxy(100.0000, 0.4639, 0.3205)
contains.

Yxy(61.4907, 0.3576, 0.3146)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.4907, 0.3576, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCCA
RGB	255, 188, 202
RGB Percent	100%, 74%, 79%
CMY	0.0000, 0.2628, 0.2078
CMYK	0.00, 0.26, 0.21, 0.00
HSL	347°, 100%, 87%
HSV	347°, 26%, 100%
XYZ	69.8953, 61.4907, 64.0707
YIQ	209.6290, 35.4380, 18.5580

Conversions

Conversions Part 2

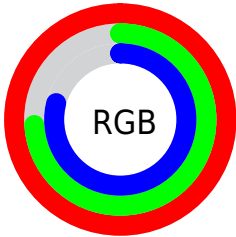
Format	Color
R _Y B	255, 188, 202
Decimal	16760010
CIE Lab	82.64, 26.13, 2.48
CIE LCh	83, 26.245, 5.414
Yxy	61.4907, 0.3576, 0.3146
Android (android.graphics.Color)	4294950090 (0xFFFFBCCA)
YUV	209.6290, -3.7611, 39.7904
Hunter-Lab	78.4160, 21.8762, 6.4476

Details

The Yxy color **61.4907, 0.3576, 0.3146** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.5591, 0.2811, 0.3440**, and the grayscale version is **64.1960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **31.0586, 0.3689, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **50.6443, 0.3822, 0.3089**, and if you desaturate by 10%, it is **74.3779, 0.3375, 0.3203**.

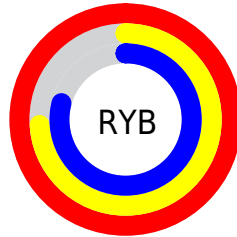
Distribution



Red (100%)

Green (74%)

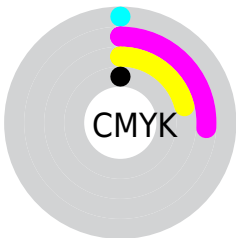
Blue (79%)



Red (100%)

Yellow (74%)

Blue (79%)

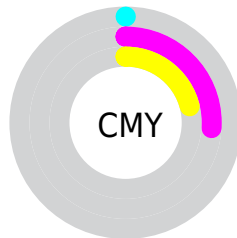


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4907, 0.3576, 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 61.4907, 0.3576, 0.3146 by changing the saturation by 10% instead.


 61.4907, 0.3576,
0.3146

 61.4907, 0.3576,
0.3146


430.0709, 0.3361,
0.3216

 44.6213, 0.3627,
0.3129


 106.9891, 0.3500,
0.3171

 31.1592, 0.3691,
0.3108


136.3869, 0.3471,
0.3181

 20.7201, 0.3773,
0.3080


170.7296, 0.3446,
0.3189

 12.9196, 0.3884,
0.3042

210.4017, 0.3424,
0.3196

 7.3732, 0.4039,
0.2988

255.7874, 0.3406,
0.3202

 3.6966, 0.4274,
0.2904

307.2713, 0.3389,

 1.5053, 0.4665,

0.3207

0.2760

365.2376, 0.3374,
0.3212

0.2925, 0.6771,
0.2157

0.0000, 0.0000,
0.0000

61.4907, 0.3576,
0.3146

61.4907, 0.3576,
0.3146

50.6443, 0.3822,
0.3089

74.3779, 0.3375,
0.3203

41.7456, 0.4121,
0.3035

89.4173, 0.3213,
0.3258

34.6746, 0.4473,
0.2993

100.0000, 0.3127,
0.3290

29.3032, 0.4869,
0.2970

■ 25.4867, 0.5283,
0.2976

■ 23.0561, 0.5675,
0.3020

■ 21.8016, 0.5995,
0.3098

■ 21.5205, 0.6091,
0.3129

Harmonies

Analogous

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



61.4907, 0.3262, 0.2914



61.4907, 0.3576, 0.3146



61.4907, 0.3767, 0.3421

Triad

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



61.4907, 0.3576, 0.3146



61.4907, 0.3303, 0.3877



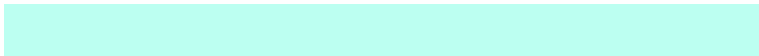
61.4907, 0.2516, 0.2862

Complementary

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



61.4907, 0.3576, 0.3146



88.5591, 0.2811, 0.3440

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.



61.4907, 0.2527, 0.3104



61.4907, 0.3576, 0.3146



61.4907, 0.2969, 0.3715

Square

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



61.4907, 0.3576, 0.3146



61.4907, 0.3600, 0.3855



61.4907, 0.2688, 0.3421



61.4907, 0.2658, 0.2748

Rectangle

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



61.4907, 0.3576, 0.3146



61.4907, 0.3793, 0.3599



61.4907, 0.2688, 0.3421



61.4907, 0.2502, 0.2930

Sweetspot

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



61.4864, 0.3576, 0.3146



86.6722, 0.3238, 0.3249



61.7909, 0.3048, 0.2611



18.0493, 0.3261, 0.3240



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.



61.4864, 0.3576, 0.3146



55.0395, 0.3711, 0.3113



69.5038, 0.3644, 0.3488



18.0493, 0.3261, 0.3240



11.2622, 0.6055, 0.3109



1.1116, 0.5753, 0.2943

Inverse Universe

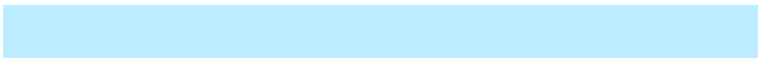
The Inverse Universe completely reimagines the original color for something new.



61.4864, 0.3576, 0.3146



55.0395, 0.3711, 0.3113



77.9084, 0.2722, 0.3083



18.0493, 0.3261, 0.3240



11.2622, 0.6055, 0.3109



1.1116, 0.5753, 0.2943

Previews

White Background



This preview shows how the Yxy color 61.4907, 0.3576, 0.3146 looks on a white background.

Color Contrast Check

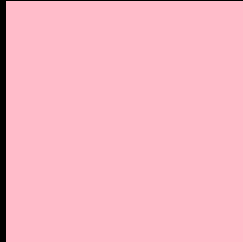
Large Text (above 18pt) WCAG AA × Fail

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 61.4907, 0.3576, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

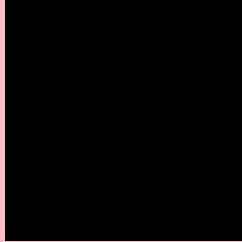
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4907, 0.3576, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 61.4907, 0.3576, 0.3146.



This preview shows how white text looks on a background with the Yxy color 61.4907, 0.3576, 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

61.4907, 0.3576, 0.3146

Protanopia

61.8260, 0.3101, 0.3210

Deuteranopia

61.5110, 0.3351, 0.3280



Tritanopia

61.4907, 0.3576, 0.3146

Trichromacy



Original Color

61.4907, 0.3576, 0.3146

Protanomaly

61.4085, 0.3266, 0.3190

Deuteranomaly

61.4244, 0.3430, 0.3226

Tritanomaly

61.4907, 0.3576, 0.3146

Monochromacy



Original Color

61.4907, 0.3576, 0.3146

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

62.9148, 0.3278, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4907, 0.3576, 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, 188, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 202)  
}
```

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, 188, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 202) }
```

Border

The CSS property to change the border of an element to Yxy 61.4907, 0.3576, 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, 188, 202) }
```

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

```
.border{ border-color:rgb(255, 188, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4907, 0.3576, 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, 188, 202) }
```

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

```
.background{ background-color: rgb(255,  
188, 202) }
```

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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