

Converting Colors

$Yxy(58.8329, 0.3807, 0.3378)$

Have a look what the booklet for
Yxy(58.8329, 0.3807, 0.3378)
contains.

Yxy(58.6756, 0.3810, 0.3376)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.6756, 0.3810, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8B0
RGB	255, 184, 176
RGB Percent	100%, 72%, 69%
CMY	0.0000, 0.2784, 0.3098
CMYK	0.00, 0.28, 0.31, 0.00
HSL	6°, 100%, 85%
HSV	6°, 31%, 100%
XYZ	66.2186, 58.6756, 48.9079
YIQ	204.3170, 44.8840, 12.5640

Conversions

Conversions Part 2

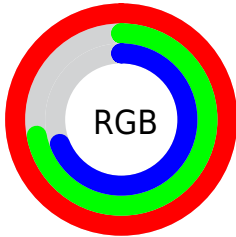
Format	Color
R _Y B	255, 185, 176
Decimal	16758960
CIE Lab	81.11, 24.66, 14.27
CIE LCh	81, 28.491, 30.051
Yxy	58.6756, 0.3810, 0.3376
Android (android.graphics.Color)	4294949040 (0xFFFFB8B0)
YUV	204.3170, -13.9603, 44.4490
Hunter-Lab	76.6000, 20.2584, 15.7642

Details

The Yxy color **58.6756, 0.3810, 0.3376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9679, 0.2671, 0.3201**, and the grayscale version is **60.6636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4064, 0.3277, 0.3369**, and **29.5582, 0.3985, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **48.9985, 0.4137, 0.3404**, and if you desaturate by 10%, it is **70.0872, 0.3540, 0.3347**.

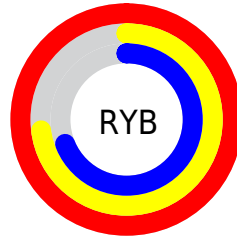
Distribution



Red (100%)

Green (72%)

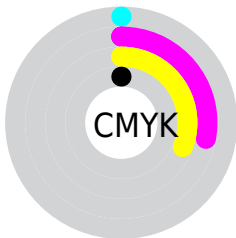
Blue (69%)



Red (100%)

Yellow (73%)

Blue (69%)

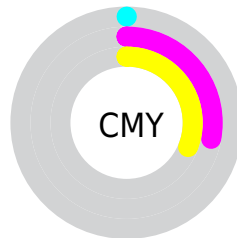


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6756, 0.3810, 0.3376 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 58.6756, 0.3810, 0.3376 by changing the saturation by 10% instead.


 58.6756, 0.3810,
0.3376

 58.6756, 0.3810,
0.3376

419.6987, 0.3478,
0.3343

 42.3520, 0.3890,
0.3381


 102.9060, 0.3692,
0.3366

 29.3770, 0.3990,
0.3387


131.5817, 0.3647,
0.3362

 19.3662, 0.4120,
0.3391

165.1435, 0.3608,
0.3358

 11.9352, 0.4296,
0.3394

203.9759, 0.3575,
0.3355

 6.6996, 0.4543,
0.3389

248.4632, 0.3546,
0.3351

 3.2749, 0.4917,
0.3365


298.9898, 0.3521,

 1.2769, 0.5711,


0.3348


0.3383


355.9402, 0.3498,
0.3346


 0.1232, 0.8537,
0.1463


 0.0000, 0.0000,
0.0000


 58.6756, 0.3810,
0.3376


 58.6756, 0.3810,
0.3376


 48.9985, 0.4137,
0.3404


 70.0872, 0.3540,
0.3347

 40.9669, 0.4524,
0.3429

 83.3081, 0.3321,
0.3319

 34.4903, 0.4961,
0.3444

 98.4136, 0.3143,
0.3292

 29.4677, 0.5417,
0.3446

100.0000, 0.3127,
0.3290

■ 25.7861, 0.5840,
0.3427

■ 23.3158, 0.6163,
0.3390

■ 21.9918, 0.6338,
0.3350

Harmonies

Analogous

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



58.6756, 0.3567, 0.3080



58.6756, 0.3810, 0.3376



58.6756, 0.3855, 0.3669

Triad

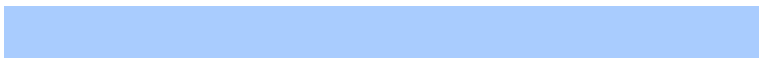
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.6756, 0.3810, 0.3376



58.6756, 0.3016, 0.3808



58.6756, 0.2573, 0.2706

Complementary

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



58.6756, 0.3810, 0.3376



82.9679, 0.2671, 0.3201

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.



58.6756, 0.2447, 0.2856



58.6756, 0.3810, 0.3376



58.6756, 0.2691, 0.3498

Square

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



58.6756, 0.3810, 0.3376



58.6756, 0.3383, 0.3950



58.6756, 0.2488, 0.3141



58.6756, 0.2844, 0.2706

Rectangle

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



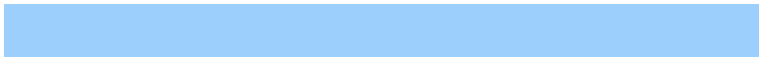
58.6756, 0.3810, 0.3376



58.6756, 0.3768, 0.3828



58.6756, 0.2488, 0.3141



58.6756, 0.2513, 0.2739

Sweetspot

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



58.6770, 0.3810, 0.3376



86.1488, 0.3282, 0.3313



59.0314, 0.3224, 0.2587



17.9913, 0.3310, 0.3317



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.



58.6770, 0.3810, 0.3376



52.6495, 0.4000, 0.3393



77.3834, 0.3687, 0.3775



18.2830, 0.3292, 0.3315



11.5875, 0.6322, 0.3362



1.2219, 0.6174, 0.3479

Inverse Universe

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



82.9679, 0.2671, 0.3201



80.3315, 0.2593, 0.3182



61.3662, 0.2618, 0.2750



20.1482, 0.2980, 0.3265



33.2280, 0.2158, 0.2968



3.3223, 0.2169, 0.3008

Previews

White Background



This preview shows how the Yxy color 58.6756, 0.3810, 0.3376 looks on a white background.

Color Contrast Check

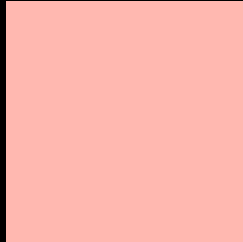
Large Text (above 18pt) WCAG AA × Fail

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 58.6756, 0.3810, 0.3376 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 58.6756, 0.3810, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 58.6756, 0.3810, 0.3376.



This preview shows how white text looks on a background with the Yxy color 58.6756, 0.3810, 0.3376.

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

58.6756, 0.3810, 0.3376

Protanopia

58.8314, 0.3308, 0.3480

Deuteranopia

58.6285, 0.3592, 0.3517



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.6756, 0.3810, 0.3376

Protanomaly

58.5764, 0.3483, 0.3439

Deuteranomaly

58.4473, 0.3672, 0.3456

Tritanomaly

58.7578, 0.3708, 0.3239

Monochromacy



Original Color

58.6756, 0.3810, 0.3376

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.5155, 0.3359, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6756, 0.3810, 0.3376 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, 184, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 176)  
}
```

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, 184, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 176) }
```

Border

The CSS property to change the border of an element to Yxy 58.6756, 0.3810, 0.3376 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, 184, 176) }
```

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

```
.border{ border-color:rgb(255, 184, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6756, 0.3810, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 176) }
```

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

```
.background{ background-color: rgb(255,  
184, 176) }
```

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