

Converting Colors

$Yxy(58.3173, 0.3791, 0.3338)$

Have a look what the booklet for
Yxy(58.3173, 0.3791, 0.3338)
contains.

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Color

Yxy(58.3816, 0.3787, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B3
RGB	255, 183, 179
RGB Percent	100%, 72%, 70%
CMY	0.0000, 0.2824, 0.2981
CMYK	0.00, 0.28, 0.30, 0.00
HSL	3°, 100%, 85%
HSV	3°, 30%, 100%
XYZ	66.3141, 58.3816, 50.4141
YIQ	204.0720, 44.1960, 14.0200

Conversions

Conversions Part 2

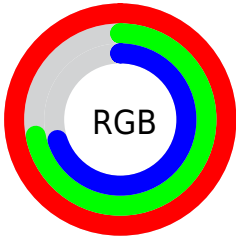
Format	Color
R _Y B	255, 183, 179
Decimal	16758707
CIE Lab	80.95, 25.57, 12.43
CIE LCh	81, 28.436, 25.923
Yxy	58.3816, 0.3787, 0.3334
Android (android.graphics.Color)	4294948787 (0xFFFFB7B3)
YUV	204.0720, -12.3605, 44.6639
Hunter-Lab	76.4079, 21.2057, 14.3658

Details

The Yxy color **58.3816, 0.3787, 0.3334** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.7892, 0.2691, 0.3245**, and the grayscale version is **60.4879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9912, 0.3259, 0.3330**, and **29.3419, 0.3966, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **48.3191, 0.4118, 0.3349**, and if you desaturate by 10%, it is **70.3431, 0.3517, 0.3318**.

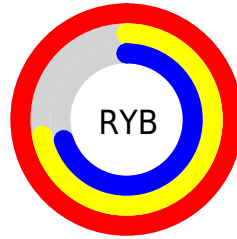
Distribution



Red (100%)

Green (72%)

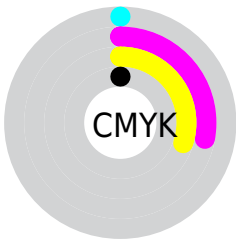
Blue (70%)



Red (100%)

Yellow (72%)

Blue (70%)

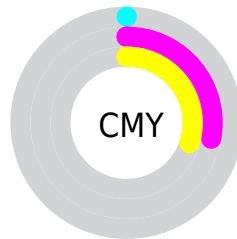


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3816, 0.3787, 0.3334 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 58.3816, 0.3787, 0.3334 by changing the saturation by 10% instead.


 58.3816, 0.3787,
0.3334

 58.3816, 0.3787,
0.3334


418.6064, 0.3466,
0.3321

 42.1155, 0.3864,
0.3335


 102.4783, 0.3673,
0.3331

 29.1917, 0.3961,
0.3335


131.0778, 0.3629,
0.3329

 19.2259, 0.4088,
0.3334


164.5572, 0.3592,
0.3328

 11.8336, 0.4258,
0.3328

203.3008, 0.3560,
0.3326

 6.6305, 0.4500,
0.3313

247.6932, 0.3532,
0.3325

 3.2321, 0.4866,
0.3275


298.1186, 0.3507,

 1.2541, 0.5595,


0.3323


0.3240


354.9615, 0.3486,
0.3322


 0.1052, 0.8732,
0.1268

 0.0000, 0.0000,
0.0000


 58.3816, 0.3787,
0.3334


 58.3816, 0.3787,
0.3334

 48.3191, 0.4118,
0.3349


 70.3431, 0.3517,
0.3318

 40.0600, 0.4512,
0.3363

 84.2966, 0.3299,
0.3304

 33.4970, 0.4961,
0.3371

100.0000, 0.3127,
0.3290

 28.5125, 0.5433,
0.3372

■ 24.9735, 0.5868,
0.3363

■ 22.7255, 0.6195,
0.3342

■ 21.5730, 0.6372,
0.3321

■ 21.5597, 0.6375,
0.3320

Harmonies

Analogous

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



58.3816, 0.3522, 0.3043



58.3816, 0.3787, 0.3334



58.3816, 0.3862, 0.3631

Triad

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



58.3816, 0.3787, 0.3334



58.3816, 0.3066, 0.3839



58.3816, 0.2546, 0.2718

Complementary

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



58.3816, 0.3787, 0.3334



85.7892, 0.2691, 0.3245

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.



58.3816, 0.2443, 0.2888



58.3816, 0.3787, 0.3334



58.3816, 0.2730, 0.3547

Square

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



58.3816, 0.3787, 0.3334



58.3816, 0.3432, 0.3953



58.3816, 0.2507, 0.3188



58.3816, 0.2800, 0.2698

Rectangle

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



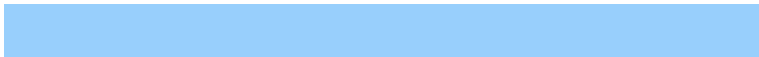
58.3816, 0.3787, 0.3334



58.3816, 0.3793, 0.3799



58.3816, 0.2507, 0.3188



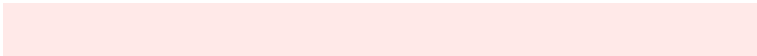
58.3816, 0.2493, 0.2758

Sweetspot

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



58.3808, 0.3787, 0.3334



85.5149, 0.3284, 0.3302



60.4728, 0.3191, 0.2580



17.8367, 0.3312, 0.3305



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.



58.3808, 0.3787, 0.3334



51.9334, 0.3984, 0.3344



76.1185, 0.3673, 0.3719



18.1407, 0.3293, 0.3303



11.3279, 0.6364, 0.3329



1.1547, 0.6279, 0.3396

Inverse Universe

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



85.7892, 0.2691, 0.3245



83.4953, 0.2613, 0.3235



64.4879, 0.2643, 0.2818



20.3074, 0.2980, 0.3277



36.8840, 0.2201, 0.3124



3.6396, 0.2207, 0.3144

Previews

White Background



This preview shows how the Yxy color 58.3816, 0.3787, 0.3334 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 58.3816, 0.3787, 0.3334 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 58.3816, 0.3787, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 58.3816, 0.3787, 0.3334.



This preview shows how white text looks on a background with the Yxy color 58.3816, 0.3787, 0.3334.

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

58.3816, 0.3787, 0.3334

Protanopia

58.8140, 0.3278, 0.3444

Deuteranopia

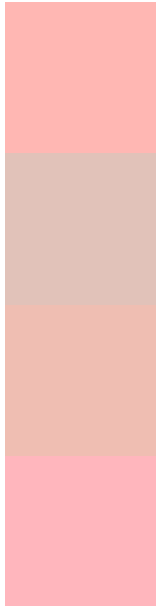
58.5809, 0.3559, 0.3483



Tritanopia

58.2479, 0.3651, 0.3146

Trichromacy



Original Color

58.3816, 0.3787, 0.3334

Protanomaly

58.0939, 0.3452, 0.3394

Deuteranomaly

58.3920, 0.3638, 0.3424

Tritanomaly

58.3900, 0.3702, 0.3219

Monochromacy



Original Color

58.3816, 0.3787, 0.3334

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.1080, 0.3353, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3816, 0.3787, 0.3334 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, 183, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 179)  
}
```

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, 183, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 179) }
```

Border

The CSS property to change the border of an element to Yxy 58.3816, 0.3787, 0.3334 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, 183, 179) }
```

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

```
.border{ border-color:rgb(255, 183, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3816, 0.3787, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 179) }
```

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

```
.background{ background-color: rgb(255,  
183, 179) }
```

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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