

Converting Colors

$Y_{xy}(58.6125, 0.3789, 0.3346)$

Have a look what the booklet for
Yxy(58.6125, 0.3789, 0.3346)
contains.

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Color

Yxy(58.7553, 0.3792, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8B2
RGB	255, 184, 178
RGB Percent	100%, 72%, 70%
CMY	0.0001, 0.2784, 0.3019
CMYK	0.00, 0.28, 0.30, 0.00
HSL	5°, 100%, 85%
HSV	5°, 30%, 100%
XYZ	66.4084, 58.7553, 49.9639
YIQ	204.5450, 44.2420, 13.1860

Conversions

Conversions Part 2

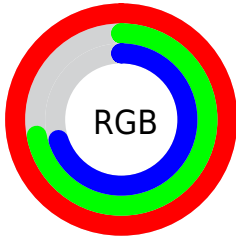
Format	Color
R _Y B	255, 185, 178
Decimal	16758962
CIE Lab	81.16, 24.90, 13.25
CIE LCh	81, 28.201, 28.021
Yxy	58.7553, 0.3792, 0.3355
Android (android.graphics.Color)	4294949042 (0xFFFFB8B2)
YUV	204.5450, -13.0867, 44.2490
Hunter-Lab	76.6520, 20.5046, 15.0095

Details

The Yxy color **58.7553, 0.3792, 0.3355** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.4089, 0.2684, 0.3224**, and the grayscale version is **60.8113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5207, 0.3264, 0.3349**, and **29.5836, 0.3973, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **48.8584, 0.4120, 0.3377**, and if you desaturate by 10%, it is **70.4706, 0.3523, 0.3332**.

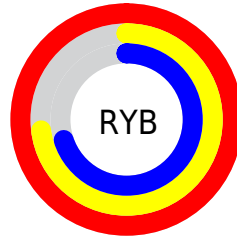
Distribution



Red (100%)

Green (72%)

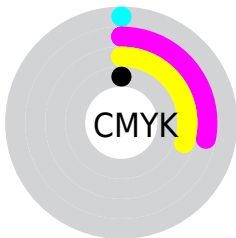
Blue (70%)



Red (100%)

Yellow (73%)

Blue (70%)

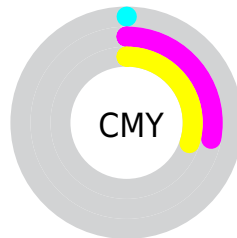


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7553, 0.3792, 0.3355 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 58.7553, 0.3792, 0.3355 by changing the saturation by 10% instead.

 58.7553, 0.3792,
0.3355

 58.7553, 0.3792,
0.3355

419.9945, 0.3469,
0.3332

 42.4162, 0.3870,
0.3358


 103.0219, 0.3677,
0.3349

 29.4273, 0.3967,
0.3361


131.7182, 0.3633,
0.3346

 19.4043, 0.4094,
0.3363


165.3024, 0.3596,
0.3343

 11.9628, 0.4265,
0.3362

204.1587, 0.3563,
0.3340

 6.7183, 0.4507,
0.3353

248.6717, 0.3535,
0.3338

 3.2866, 0.4872,
0.3323

299.2258, 0.3511,

 1.2831, 0.5610,

0.3336

0.3310

356.2052, 0.3489,
0.3334

0.1281, 0.8506,
0.1494

0.0000, 0.0000,
0.0000

58.7553, 0.3792,
0.3355

58.7553, 0.3792,
0.3355

48.8584, 0.4120,
0.3377

70.4706, 0.3523,
0.3332

40.6808, 0.4509,
0.3396

84.0802, 0.3306,
0.3311

34.1270, 0.4951,
0.3409

99.6660, 0.3130,
0.3290

29.0884, 0.5415,
0.3410

99.9941, 0.3127,
0.3290

■ 25.4433, 0.5846,
0.3396

■ 23.0513, 0.6174,
0.3367

■ 21.7515, 0.6358,
0.3334

Harmonies

Analogous

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



58.7553, 0.3541, 0.3064



58.7553, 0.3792, 0.3355



58.7553, 0.3851, 0.3647

Triad

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



58.7553, 0.3792, 0.3355



58.7553, 0.3041, 0.3818



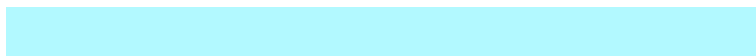
58.7553, 0.2565, 0.2717

Complementary

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



58.7553, 0.3792, 0.3355



84.4089, 0.2684, 0.3224

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.



58.7553, 0.2451, 0.2876



58.7553, 0.3792, 0.3355



58.7553, 0.2714, 0.3520

Square

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



58.7553, 0.3792, 0.3355



58.7553, 0.3405, 0.3945



58.7553, 0.2503, 0.3166



58.7553, 0.2825, 0.2707

Rectangle

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



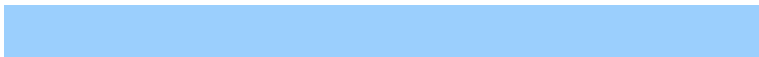
58.7553, 0.3792, 0.3355



58.7553, 0.3774, 0.3809



58.7553, 0.2503, 0.3166



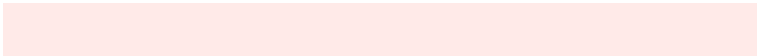
58.7553, 0.2509, 0.2754

Sweetspot

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



58.7581, 0.3792, 0.3355



85.8452, 0.3283, 0.3308



59.9902, 0.3201, 0.2582



17.9172, 0.3311, 0.3311



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.



58.7581, 0.3792, 0.3355



52.8002, 0.3975, 0.3368



76.5094, 0.3678, 0.3737



18.2149, 0.3293, 0.3309



11.4487, 0.6344, 0.3344



1.1897, 0.6224, 0.3440

Inverse Universe

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



84.4089, 0.2684, 0.3224



82.0574, 0.2609, 0.3209



63.4505, 0.2635, 0.2796



20.2242, 0.2980, 0.3271



34.9452, 0.2179, 0.3043



3.4717, 0.2187, 0.3074

Previews

White Background



This preview shows how the Yxy color 58.7553, 0.3792, 0.3355 looks on a white background.

Color Contrast Check

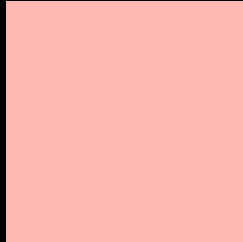
Large Text (above 18pt) WCAG AA × Fail

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 58.7553, 0.3792, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

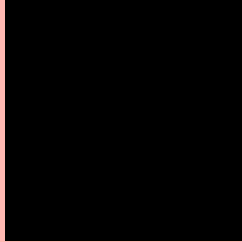
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7553, 0.3792, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 58.7553, 0.3792, 0.3355.



This preview shows how white text looks on a background with the Yxy color 58.7553, 0.3792, 0.3355.

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

58.7553, 0.3792, 0.3355

Protanopia

58.9165, 0.3293, 0.3456

Deuteranopia

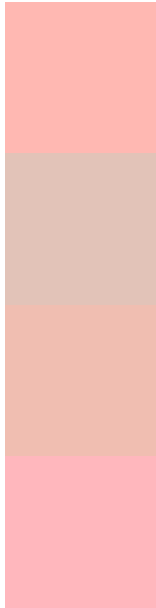
58.7071, 0.3576, 0.3494



Tritanopia

58.7014, 0.3640, 0.3146

Trichromacy



Original Color

58.7553, 0.3792, 0.3355

Protanomaly

58.6597, 0.3467, 0.3416

Deuteranomaly

58.5265, 0.3655, 0.3434

Tritanomaly

58.8011, 0.3699, 0.3229

Monochromacy



Original Color

58.7553, 0.3792, 0.3355

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.5606, 0.3352, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7553, 0.3792, 0.3355 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 178) }
```

Border

The CSS property to change the border of an element to Yxy 58.7553, 0.3792, 0.3355 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, 178) }
```

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

```
.border{ border-color:rgb(255, 184, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7553, 0.3792, 0.3355 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
184, 178) }
```

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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