

Converting Colors

Yxy(59.8657, 0.3917, 0.3566)

Have a look what the booklet for
Yxy(59.8657, 0.3917, 0.3566)
contains.

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Color

Yxy(59.8351, 0.3917, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCA2
RGB	255, 188, 162
RGB Percent	100%, 74%, 64%
CMY	0.0000, 0.2627, 0.3647
CMYK	0.00, 0.26, 0.36, 0.00
HSL	17°, 100%, 82%
HSV	17°, 36%, 100%
XYZ	65.7431, 59.8351, 42.2622
YIQ	205.0690, 48.2780, 6.1180

Conversions

Conversions Part 2

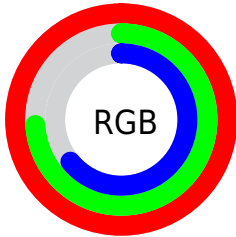
Format	Color
R _Y B	255, 198, 162
Decimal	16759970
CIE Lab	81.75, 20.86, 22.64
CIE LCh	82, 30.785, 47.347
Yxy	59.8351, 0.3917, 0.3565
Android (android.graphics.Color)	4294950050 (0xFFFFBCA2)
YUV	205.0690, -21.2330, 43.7895
Hunter-Lab	77.3532, 16.3406, 21.7539

Details

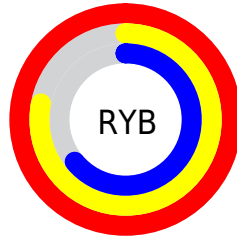
The Yxy color **59.8351, 0.3917, 0.3565** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.9273, 0.2573, 0.2993**, and the grayscale version is **61.2125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9711, 0.3367, 0.3557**, and **29.9117, 0.4122, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **51.6666, 0.4228, 0.3639**, and if you desaturate by 10%, it is **69.1918, 0.3650, 0.3487**.

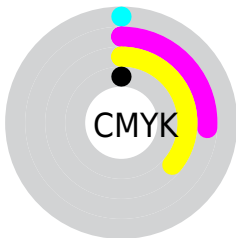
Distribution



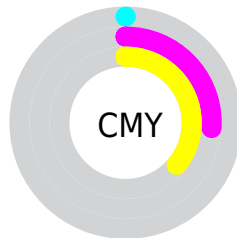
- Red (100%)
- Green (74%)
- Blue (64%)



- Red (100%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (26%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8351, 0.3917, 0.3565 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 59.8351, 0.3917, 0.3565 by changing the saturation by 10% instead.


 59.8351, 0.3917,
0.3565


 59.8351, 0.3917,
0.3565


423.9897, 0.3535,
0.3446

 43.2857, 0.4008,
0.3589


 104.5904, 0.3782,
0.3526

 30.1094, 0.4121,
0.3618

 133.5652, 0.3730,
0.3510

 19.9216, 0.4267,
0.3650


167.4505, 0.3686,
0.3496

 12.3381, 0.4461,
0.3687

206.6308, 0.3647,
0.3484

 6.9744, 0.4730,
0.3725

251.4905, 0.3614,
0.3473

 3.4461, 0.5118,
0.3750

302.4139, 0.3585,

 1.3688, 0.6062,

0.3463

0.3938

359.7855, 0.3559,
0.3454

0.1936, 0.7817,
0.2183

0.0000, 0.0000,
0.0000

59.8351, 0.3917,
0.3565

59.8351, 0.3917,
0.3565

51.6666, 0.4228,
0.3639

69.1918, 0.3650,
0.3487

44.6291, 0.4579,
0.3701

79.7738, 0.3423,
0.3409

38.6735, 0.4958,
0.3740

91.6271, 0.3233,
0.3335

33.7432, 0.5341,
0.3744

99.9993, 0.3127,
0.3290

■ 29.7758, 0.5688,
0.3704

■ 26.7010, 0.5962,
0.3618

■ 25.8082, 0.6043,
0.3584

Harmonies

Analogous

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



59.8351, 0.3773, 0.3243



59.8351, 0.3917, 0.3565



59.8351, 0.3832, 0.3845

Triad

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



59.8351, 0.3917, 0.3565



59.8351, 0.2794, 0.3670



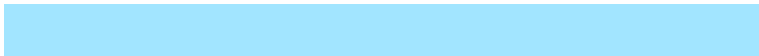
59.8351, 0.2684, 0.2647

Complementary

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



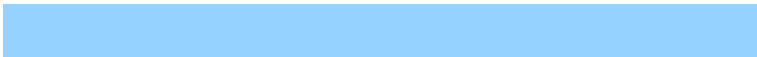
59.8351, 0.3917, 0.3565



70.9273, 0.2573, 0.2993

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.



59.8351, 0.2456, 0.2713



59.8351, 0.3917, 0.3565



59.8351, 0.2516, 0.3288

Square

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



59.8351, 0.3917, 0.3565



59.8351, 0.3173, 0.3940



59.8351, 0.2397, 0.2936



59.8351, 0.3041, 0.2734

Rectangle

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



59.8351, 0.3917, 0.3565



59.8351, 0.3664, 0.3965



59.8351, 0.2397, 0.2936



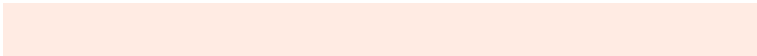
59.8351, 0.2591, 0.2651

Sweetspot

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



59.8380, 0.3917, 0.3565



86.1036, 0.3315, 0.3368



52.8212, 0.3375, 0.2604



18.0865, 0.3341, 0.3378



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.



59.8380, 0.3917, 0.3565



53.5816, 0.4147, 0.3622



82.3127, 0.3750, 0.4009



18.8142, 0.3287, 0.3357



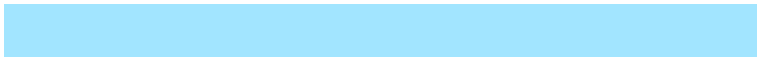
13.7009, 0.6014, 0.3607



1.5089, 0.5794, 0.3782

Inverse Universe

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



70.9273, 0.2573, 0.2993



66.1453, 0.2468, 0.2921



49.0538, 0.2495, 0.2446



19.5719, 0.2980, 0.3222



21.8777, 0.1987, 0.2351



2.3148, 0.2020, 0.2471

Previews

White Background



This preview shows how the Yxy color 59.8351, 0.3917, 0.3565 looks on a white background.

Color Contrast Check

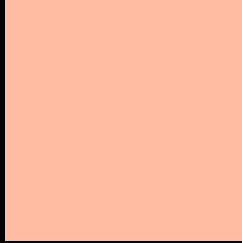
Large Text (above 18pt) WCAG AA × Fail

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 59.8351, 0.3917, 0.3565 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 59.8351, 0.3917, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 59.8351, 0.3917, 0.3565.



This preview shows how white text looks on a background with the Yxy color 59.8351, 0.3917, 0.3565.

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

59.8351, 0.3917, 0.3565

Protanopia

60.0235, 0.3475, 0.3689

Deuteranopia

59.7806, 0.3755, 0.3667



Tritanopia

59.9891, 0.3625, 0.3167

Trichromacy



Original Color

59.8351, 0.3917, 0.3565

Protanomaly

59.9643, 0.3637, 0.3652

Deuteranomaly

59.5056, 0.3816, 0.3628

Tritanomaly

59.8385, 0.3734, 0.3313

Monochromacy



Original Color

59.8351, 0.3917, 0.3565

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2089, 0.3395, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8351, 0.3917, 0.3565 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 162) }
```

Border

The CSS property to change the border of an element to Yxy 59.8351, 0.3917, 0.3565 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, 162) }
```

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

```
.border{ border-color:rgb(255, 188, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8351, 0.3917, 0.3565 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
188, 162) }
```

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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