

Converting Colors

Yxy(58.5381, 0.3898, 0.3490)

Have a look what the booklet for
Yxy(58.5381, 0.3898, 0.3490)
contains.

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Color

Yxy(58.7111, 0.3894, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9A6
RGB	255, 185, 166
RGB Percent	100%, 73%, 65%
CMY	0.0000, 0.2745, 0.3491
CMYK	0.00, 0.27, 0.35, 0.00
HSL	13°, 100%, 83%
HSV	13°, 35%, 100%
XYZ	65.4699, 58.7111, 43.9493
YIQ	203.7640, 47.8190, 8.9310

Conversions

Conversions Part 2

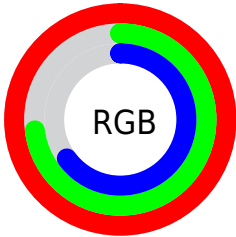
Format	Color
R _Y B	255, 190, 166
Decimal	16759206
CIE Lab	81.13, 22.90, 19.66
CIE LCh	81, 30.184, 40.651
Yxy	58.7111, 0.3894, 0.3492
Android (android.graphics.Color)	4294949286 (0xFFFFB9A6)
YUV	203.7640, -18.6177, 44.9340
Hunter-Lab	76.6232, 18.4271, 19.6289

Details

The Yxy color **58.7111, 0.3894, 0.3492** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2996, 0.2604, 0.3075**, and the grayscale version is **60.3249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3911, 0.3346, 0.3488**, and **29.4532, 0.4087, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **50.0631, 0.4215, 0.3549**, and if you desaturate by 10%, it is **68.7332, 0.3622, 0.3432**.

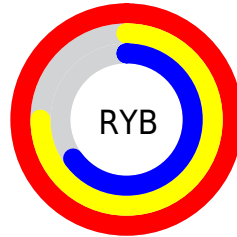
Distribution



Red (100%)

Green (73%)

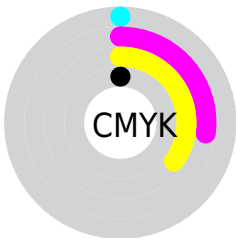
Blue (65%)



Red (100%)

Yellow (75%)

Blue (65%)

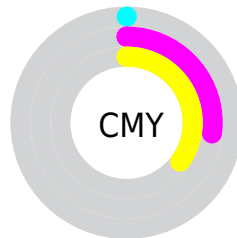


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7111, 0.3894, 0.3492 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 58.7111, 0.3894, 0.3492 by changing the saturation by 10% instead.


 58.7111, 0.3894,
0.3492

 58.7111, 0.3894,
0.3492


419.8305, 0.3522,
0.3407

 42.3806, 0.3983,
0.3509


 102.9577, 0.3761,
0.3464

 29.3994, 0.4095,
0.3528


 131.6425, 0.3711,
0.3453

 19.3832, 0.4240,
0.3549


165.2143, 0.3668,
0.3443

 11.9475, 0.4433,
0.3572

204.0573, 0.3631,
0.3434

 6.7079, 0.4704,
0.3592

248.5561, 0.3598,
0.3426

 3.2801, 0.5103,
0.3595

299.0949, 0.3570,

 1.2797, 0.6191,

0.3419

0.3809

356.0583, 0.3544,
0.3413

0.1254, 0.8440,
0.1560

0.0000, 0.0000,
0.0000

58.7111, 0.3894,
0.3492

58.7111, 0.3894,
0.3492

50.0631, 0.4215,
0.3549

68.7332, 0.3622,
0.3432

42.7204, 0.4585,
0.3597

80.1773, 0.3395,
0.3372

36.6210, 0.4989,
0.3627

93.0996, 0.3207,
0.3316

31.6944, 0.5402,
0.3628

99.9996, 0.3127,
0.3290

■ 27.8623, 0.5778,
0.3591

■ 25.0363, 0.6069,
0.3518

■ 23.9450, 0.6180,
0.3475

Harmonies

Analogous

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



58.7111, 0.3704, 0.3174



58.7111, 0.3894, 0.3492



58.7111, 0.3861, 0.3784

Triad

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



58.7111, 0.3894, 0.3492



58.7111, 0.2877, 0.3739



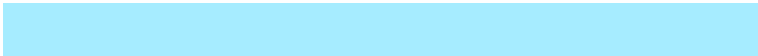
58.7111, 0.2627, 0.2656

Complementary

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



58.7111, 0.3894, 0.3492



75.2996, 0.2604, 0.3075

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.



58.7111, 0.2436, 0.2756



58.7111, 0.3894, 0.3492



58.7111, 0.2572, 0.3374

Square

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



58.7111, 0.3894, 0.3492



58.7111, 0.3261, 0.3963



58.7111, 0.2417, 0.3010



58.7111, 0.2956, 0.2710

Rectangle

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



58.7111, 0.3894, 0.3492



58.7111, 0.3721, 0.3925



58.7111, 0.2417, 0.3010



58.7111, 0.2546, 0.2672

Sweetspot

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



58.7139, 0.3894, 0.3492



86.3334, 0.3298, 0.3344



54.6517, 0.3311, 0.2578



18.0938, 0.3325, 0.3352



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.



58.7139, 0.3894, 0.3492



52.4421, 0.4117, 0.3533



79.6605, 0.3740, 0.3923



18.6162, 0.3289, 0.3342



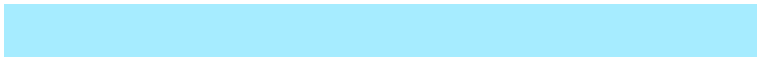
12.6863, 0.6154, 0.3495



1.3857, 0.5945, 0.3661

Inverse Universe

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



75.2996, 0.2604, 0.3075



71.2808, 0.2509, 0.3025



53.3269, 0.2535, 0.2561



19.7836, 0.2980, 0.3238



25.7042, 0.2052, 0.2585



2.6591, 0.2076, 0.2675

Previews

White Background



This preview shows how the Yxy color 58.7111, 0.3894, 0.3492 looks on a white background.

Color Contrast Check

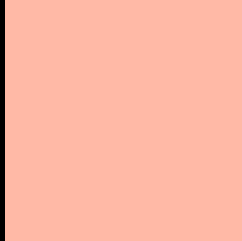
Large Text (above 18pt) WCAG AA × Fail

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 58.7111, 0.3894, 0.3492 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 58.7111, 0.3894, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 58.7111, 0.3894, 0.3492.



This preview shows how white text looks on a background with the Yxy color 58.7111, 0.3894, 0.3492.

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

58.7111, 0.3894, 0.3492

Protanopia

58.8263, 0.3416, 0.3610

Deuteranopia

58.7563, 0.3699, 0.3627



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.7111, 0.3894, 0.3492

Protanomaly

58.4645, 0.3588, 0.3564

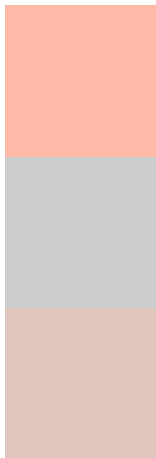
Deuteranomaly

58.8555, 0.3770, 0.3576

Tritanomaly

58.5877, 0.3743, 0.3281

Monochromacy



Original Color

58.7111, 0.3894, 0.3492

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.3382, 0.3391, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7111, 0.3894, 0.3492 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, 185, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 166)  
}
```

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, 185, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 166) }
```

Border

The CSS property to change the border of an element to Yxy 58.7111, 0.3894, 0.3492 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, 185, 166) }
```

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

```
.border{ border-color:rgb(255, 185, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7111, 0.3894, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 166) }
```

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

```
.background{ background-color: rgb(255,  
185, 166) }
```

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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