

Converting Colors

$Yxy(60.0613, 0.3915, 0.3672)$

Have a look what the booklet for
Yxy(60.0613, 0.3915, 0.3672)
contains.

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Color

Yxy(59.9859, 0.3913, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	FABF9C
RGB	250, 191, 156
RGB Percent	98%, 75%, 61%
CMY	0.0195, 0.2510, 0.3881
CMYK	0.00, 0.24, 0.38, 0.02
HSL	22°, 90%, 80%
HSV	22°, 38%, 98%
XYZ	64.0625, 59.9859, 39.6686
YIQ	204.6510, 46.3990, 1.6230

Conversions

Conversions Part 2

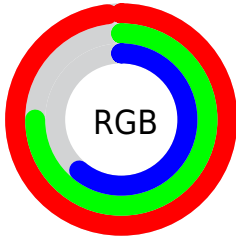
Format	Color
R _Y B	250, 212, 156
Decimal	16433052
CIE Lab	81.83, 16.70, 25.83
CIE LCh	82, 30.761, 57.109
Yxy	59.9859, 0.3913, 0.3664
Android (android.graphics.Color)	4294623132 (0xFFFABF9C)
YUV	204.6510, -23.9849, 39.7711
Hunter-Lab	77.4506, 12.1060, 23.8482

Details

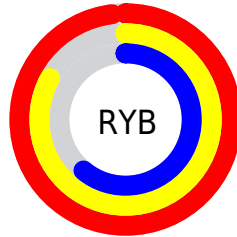
The Yxy color **59.9859, 0.3913, 0.3664** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.6024, 0.2542, 0.2878**, and the grayscale version is **60.9538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4847, 0.3400, 0.3646**, and **30.0973, 0.4125, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **52.7420, 0.4202, 0.3761**, and if you desaturate by 10%, it is **68.1439, 0.3659, 0.3561**.

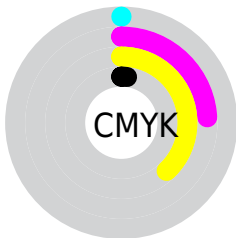
Distribution



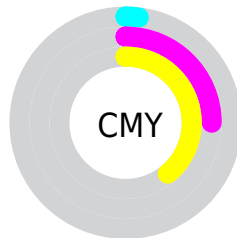
- Red (98%)
- Green (75%)
- Blue (61%)



- Red (98%)
- Yellow (83%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9859, 0.3913, 0.3664 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 59.9859, 0.3913, 0.3664 by changing the saturation by 10% instead.


 59.9859, 0.3913,
0.3664

 59.9859, 0.3913,
0.3664


424.5458, 0.3534,
0.3498

 43.4073, 0.4002,
0.3699

 104.8092, 0.3779,
0.3608

 30.2048, 0.4114,
0.3741


 133.8227, 0.3728,
0.3586

 19.9941, 0.4257,
0.3791


167.7499, 0.3684,
0.3566

 12.3907, 0.4445,
0.3850

206.9752, 0.3646,
0.3549

 7.0104, 0.4702,
0.3916

251.8831, 0.3613,
0.3534

 3.4686, 0.5071,
0.3982

302.8579, 0.3584,

 1.3810, 0.5843,

0.3521

0.4157

360.2840, 0.3558,
0.3509

0.2027, 0.7476,
0.2524

0.0000, 0.0000,
0.0000

59.9859, 0.3913,
0.3664

59.9859, 0.3913,
0.3664

52.7420, 0.4202,
0.3761

68.1439, 0.3659,
0.3561

46.3700, 0.4521,
0.3844

77.2393, 0.3439,
0.3459

40.8363, 0.4859,
0.3900

87.3053, 0.3251,
0.3361

36.1020, 0.5195,
0.3916

98.3033, 0.3097,
0.3278

■ 32.1238, 0.5502,
0.3882

■ 99.0670, 0.3096,
0.3290

■ 28.8515, 0.5752,
0.3796

■ 28.1576, 0.5806,
0.3772

Harmonies

Analogous

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



59.9859, 0.3843, 0.3348



59.9859, 0.3913, 0.3664



59.9859, 0.3759, 0.3911

Triad

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



59.9859, 0.3913, 0.3664



59.9859, 0.2689, 0.3550



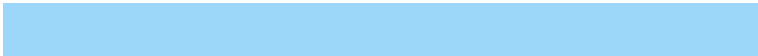
59.9859, 0.2790, 0.2661

Complementary

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



59.9859, 0.3913, 0.3664



62.6024, 0.2542, 0.2878

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.



59.9859, 0.2514, 0.2675



59.9859, 0.3913, 0.3664



59.9859, 0.2459, 0.3164

Square

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



59.9859, 0.3913, 0.3664



59.9859, 0.3045, 0.3872



59.9859, 0.2398, 0.2848



59.9859, 0.3172, 0.2792

Rectangle

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



59.9859, 0.3913, 0.3664



59.9859, 0.3557, 0.3994



59.9859, 0.2398, 0.2848



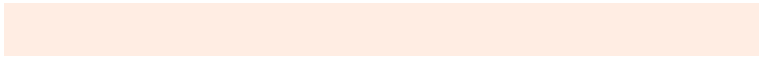
59.9859, 0.2683, 0.2648

Sweetspot

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



59.9887, 0.3913, 0.3664



87.5949, 0.3312, 0.3393



49.0502, 0.3470, 0.2673



18.4404, 0.3337, 0.3407



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.



59.9887, 0.3913, 0.3664



57.0027, 0.4125, 0.3738



83.5783, 0.3736, 0.4116



18.2829, 0.3285, 0.3379



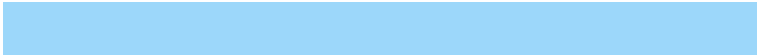
15.1859, 0.5777, 0.3795



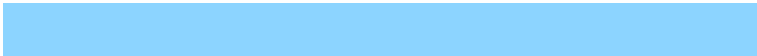
1.6021, 0.5552, 0.3973

Inverse Universe

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



62.6024, 0.2542, 0.2878



60.0597, 0.2432, 0.2780



42.1886, 0.2457, 0.2299



18.4597, 0.2980, 0.3200



16.7361, 0.1895, 0.2021



1.7531, 0.1942, 0.2189

Previews

White Background



This preview shows how the Yxy color 59.9859, 0.3913, 0.3664 looks on a white background.

Color Contrast Check

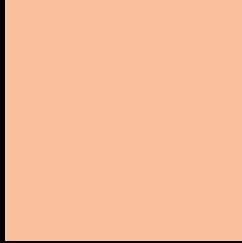
Large Text (above 18pt) WCAG AA × Fail

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 59.9859, 0.3913, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

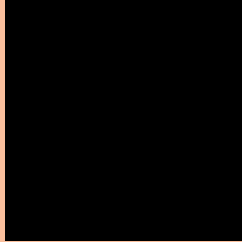
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9859, 0.3913, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 59.9859, 0.3913, 0.3664.



This preview shows how white text looks on a background with the Yxy color 59.9859, 0.3913, 0.3664.

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

59.9859, 0.3913, 0.3664

Protanopia

60.0722, 0.3545, 0.3769

Deuteranopia

59.9220, 0.3820, 0.3730



Tritanopia

59.8923, 0.3599, 0.3146

Trichromacy



Original Color

59.9859, 0.3913, 0.3664

Protanomaly

60.0429, 0.3673, 0.3733

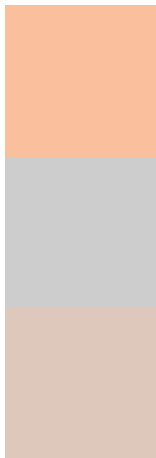
Deuteranomaly

60.1832, 0.3858, 0.3714

Tritanomaly

59.8422, 0.3723, 0.3334

Monochromacy



Original Color

59.9859, 0.3913, 0.3664

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2686, 0.3392, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9859, 0.3913, 0.3664 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(250, 191, 156)` looks like.

```
.text, #text, p{  
    color:rgb(250, 191, 156)  
}
```

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(250, 191, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 191, 156) }
```

Border

The CSS property to change the border of an element to Yxy 59.9859, 0.3913, 0.3664 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(250, 191, 156) }
```

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

```
.border{ border-color:rgb(250, 191, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 191, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 191, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 191, 156);  
box-shadow:4px 4px 4px 4px rgb(250, 191,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9859, 0.3913, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 191, 156) }
```

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

```
.background{ background-color: rgb(250,  
191, 156) }
```

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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