

Converting Colors

$Yxy(59.9482, 0.3939, 0.3782)$

Have a look what the booklet for
Yxy(59.9482, 0.3939, 0.3782)
contains.

Yxy(59.8709, 0.3936, 0.3776)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.8709, 0.3936, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	F6C194
RGB	246, 193, 148
RGB Percent	96%, 76%, 58%
CMY	0.0355, 0.2430, 0.4197
CMYK	0.00, 0.22, 0.40, 0.04
HSL	28°, 84%, 77%
HSV	28°, 40%, 96%
XYZ	62.4078, 59.8709, 36.2777
YIQ	203.7170, 46.0330, -2.7590

Conversions

Conversions Part 2

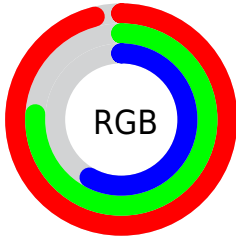
Format	Color
R _Y B	246, 231, 148
Decimal	16171412
CIE Lab	81.77, 13.17, 29.91
CIE LCh	82, 32.684, 66.243
Yxy	59.8709, 0.3936, 0.3776
Android (android.graphics.Color)	4294361492 (0xFFFF6C194)
YUV	203.7170, -27.4685, 37.0822
Hunter-Lab	77.3763, 8.5606, 26.3654

Details

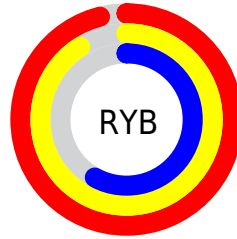
The Yxy color **59.8709, 0.3936, 0.3776** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.6774, 0.2492, 0.2741**, and the grayscale version is **60.3496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2756, 0.3453, 0.3755**, and **30.0197, 0.4143, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **53.5616, 0.4206, 0.3893**, and if you desaturate by 10%, it is **66.8792, 0.3692, 0.3651**.

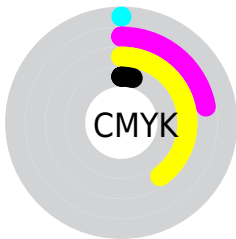
Distribution



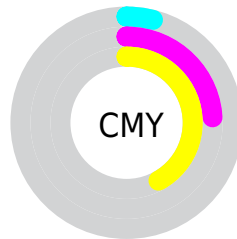
- Red (96%)
- Green (76%)
- Blue (58%)



- Red (96%)
- Yellow (91%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (40%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8709, 0.3936, 0.3776 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 59.8709, 0.3936, 0.3776 by changing the saturation by 10% instead.


 59.8709, 0.3936,
0.3776

 59.8709, 0.3936,
0.3776


424.1218, 0.3548,
0.3557

 43.3146, 0.4027,
0.3823


 104.6424, 0.3799,
0.3702

 30.1320, 0.4139,
0.3880


 133.6263, 0.3747,
0.3672

 19.9388, 0.4283,
0.3948


167.5216, 0.3702,
0.3647

 12.3506, 0.4469,
0.4029

206.7126, 0.3663,
0.3624

 6.9829, 0.4719,
0.4122

251.5837, 0.3629,
0.3604

 3.4514, 0.5098,
0.4247

302.5193, 0.3599,

 1.3717, 0.5652,

0.3587

0.4348

359.9039, 0.3572,
0.3571

0.1957, 0.7217,
0.2783

0.0000, 0.0000,
0.0000

59.8709, 0.3936,
0.3776

59.8709, 0.3936,
0.3776

53.5616, 0.4206,
0.3893

66.8792, 0.3692,
0.3651

47.9184, 0.4495,
0.3992

74.6010, 0.3477,
0.3525

42.9179, 0.4792,
0.4060

83.0608, 0.3288,
0.3403

38.5316, 0.5080,
0.4085

92.2793, 0.3125,
0.3288

■ 34.7276, 0.5336,
0.4055

■ 98.3241, 0.3072,
0.3290

■ 31.4631, 0.5549,
0.3974

■ 31.4120, 0.5553,
0.3973

Harmonies

Analogous

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



59.8709, 0.3937, 0.3453



59.8709, 0.3936, 0.3776



59.8709, 0.3707, 0.4001

Triad

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



59.8709, 0.3936, 0.3776



59.8709, 0.2571, 0.3441



59.8709, 0.2883, 0.2652

Complementary

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



59.8709, 0.3936, 0.3776



54.6774, 0.2492, 0.2741

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.



59.8709, 0.2550, 0.2616



59.8709, 0.3936, 0.3776



59.8709, 0.2379, 0.3039

Square

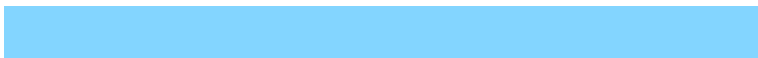
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.8709, 0.3936, 0.3776



59.8709, 0.2914, 0.3824



59.8709, 0.2373, 0.2746



59.8709, 0.3306, 0.2831

Rectangle

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



59.8709, 0.3936, 0.3776



59.8709, 0.3466, 0.4049



59.8709, 0.2373, 0.2746



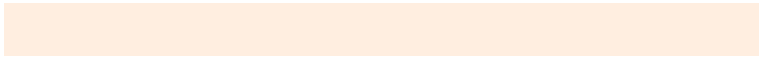
59.8709, 0.2758, 0.2623

Sweetspot

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



59.8737, 0.3936, 0.3776



88.0859, 0.3327, 0.3429



45.0177, 0.3576, 0.2718



18.5918, 0.3351, 0.3445



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.



59.8737, 0.3936, 0.3776



59.2837, 0.4157, 0.3874



84.6640, 0.3742, 0.4236



17.7380, 0.3282, 0.3399



17.0473, 0.5526, 0.3995



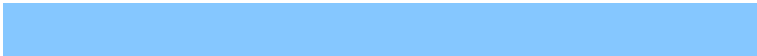
1.7014, 0.5317, 0.4161

Inverse Universe

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



54.6774, 0.2492, 0.2741



52.8946, 0.2363, 0.2603



35.6903, 0.2396, 0.2127



17.4100, 0.2980, 0.3178



12.7748, 0.1809, 0.1713



1.3283, 0.1869, 0.1926

Previews

White Background



This preview shows how the Yxy color 59.8709, 0.3936, 0.3776 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 59.8709, 0.3936, 0.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

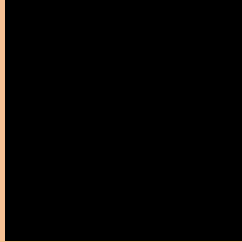
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8709, 0.3936, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 59.8709, 0.3936, 0.3776.



This preview shows how white text looks on a background with the Yxy color 59.8709, 0.3936, 0.3776.

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

59.8709, 0.3936, 0.3776

Protanopia

59.8843, 0.3629, 0.3885

Deuteranopia

59.8691, 0.3885, 0.3805



Tritanopia

59.7972, 0.3563, 0.3144

Trichromacy



Original Color

59.8709, 0.3936, 0.3776

Protanomaly

59.5752, 0.3735, 0.3836

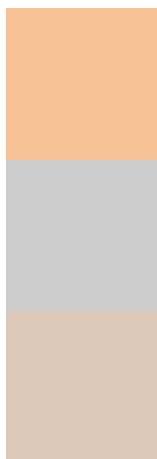
Deuteranomaly

59.7764, 0.3906, 0.3791

Tritanomaly

59.8711, 0.3700, 0.3377

Monochromacy



Original Color

59.8709, 0.3936, 0.3776

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8293, 0.3399, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8709, 0.3936, 0.3776 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(246, 193, 148)` looks like.

```
.text, #text, p{  
    color:rgb(246, 193, 148)  
}
```

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(246, 193, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 193, 148) }
```

Border

The CSS property to change the border of an element to Yxy 59.8709, 0.3936, 0.3776 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(246, 193, 148) }
```

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

```
.border{ border-color:rgb(246, 193, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 193, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 193, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 193, 148);  
box-shadow:4px 4px 4px 4px rgb(246, 193,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8709, 0.3936, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 193, 148) }
```

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

```
.background{ background-color: rgb(246,  
193, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor