

Converting Colors

$Y_{xy}(59.8297, 0.3995, 0.3685)$

Have a look what the booklet for
Yxy(59.8297, 0.3995, 0.3685)
contains.

Yxy(59.7330, 0.3989, 0.3681)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.7330, 0.3989, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	FEBD98
RGB	254, 189, 152
RGB Percent	100%, 74%, 60%
CMY	0.0040, 0.2588, 0.4040
CMYK	0.00, 0.26, 0.40, 0.00
HSL	22°, 98%, 80%
HSV	22°, 40%, 100%
XYZ	64.7310, 59.7330, 37.8098
YIQ	204.2170, 50.6170, 2.2730

Conversions

Conversions Part 2

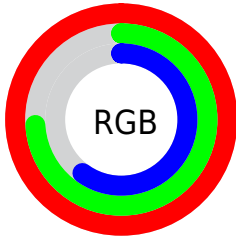
Format	Color
R _Y B	254, 210, 152
Decimal	16694680
CIE Lab	81.69, 18.82, 27.86
CIE LCh	82, 33.620, 55.963
Yxy	59.7330, 0.3989, 0.3681
Android (android.graphics.Color)	4294884760 (0xFFFEBD98)
YUV	204.2170, -25.7430, 43.6597
Hunter-Lab	77.2871, 14.2484, 25.0956

Details

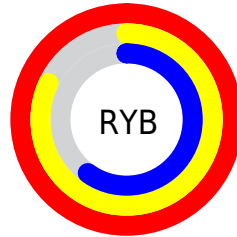
The Yxy color **59.7330, 0.3989, 0.3681** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.4186, 0.2504, 0.2855**, and the grayscale version is **60.6697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0698, 0.3429, 0.3667**, and **30.1500, 0.4199, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **52.4153, 0.4289, 0.3773**, and if you desaturate by 10%, it is **68.0106, 0.3724, 0.3581**.

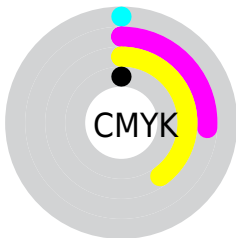
Distribution



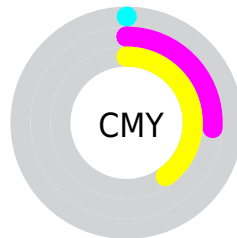
- Red (100%)
- Green (74%)
- Blue (60%)



- Red (100%)
- Yellow (82%)
- Blue (60%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7330, 0.3989, 0.3681 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 59.7330, 0.3989, 0.3681 by changing the saturation by 10% instead.


 59.7330, 0.3989,
0.3681


 59.7330, 0.3989,
0.3681


423.6129, 0.3574,
0.3509

 43.2035, 0.4087,
0.3717


 104.4423, 0.3842,
0.3624

 30.0448, 0.4209,
0.3758


 133.3908, 0.3786,
0.3601

 19.8726, 0.4364,
0.3807


167.2477, 0.3738,
0.3581

 12.3025, 0.4569,
0.3862

206.3975, 0.3696,
0.3563

 6.9500, 0.4846,
0.3920

251.2245, 0.3660,
0.3548

 3.4309, 0.5251,
0.3976

302.1132, 0.3628,

 1.3606, 0.5959,

0.3533

0.4041

359.4478, 0.3599,
0.3521

0.1874, 0.7728,
0.2272

0.0000, 0.0000,
0.0000

59.7330, 0.3989,
0.3681

59.7330, 0.3989,
0.3681

52.4153, 0.4289,
0.3773

68.0106, 0.3724,
0.3581

46.0122, 0.4619,
0.3848

77.2742, 0.3494,
0.3480

40.4869, 0.4963,
0.3893

87.5594, 0.3297,
0.3383

35.7965, 0.5299,
0.3895

98.8975, 0.3130,
0.3291

■ 31.8933, 0.5597,
0.3845

99.8074, 0.3121,
0.3290

■ 28.7630, 0.5832,
0.3751

Harmonies

Analogous

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



59.7330, 0.3904, 0.3336



59.7330, 0.3989, 0.3681



59.7330, 0.3827, 0.3959

Triad

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



59.7330, 0.3989, 0.3681



59.7330, 0.2661, 0.3591



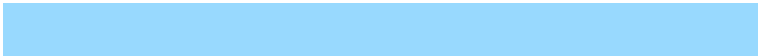
59.7330, 0.2744, 0.2604

Complementary

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



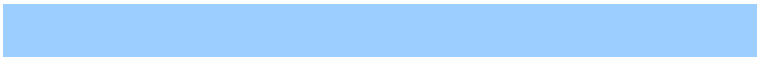
59.7330, 0.3989, 0.3681



63.4186, 0.2504, 0.2855

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.



59.7330, 0.2452, 0.2623



59.7330, 0.3989, 0.3681



59.7330, 0.2405, 0.3164

Square

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



59.7330, 0.3989, 0.3681



59.7330, 0.3051, 0.3941



59.7330, 0.2333, 0.2815



59.7330, 0.3158, 0.2741

Rectangle

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



59.7330, 0.3989, 0.3681



59.7330, 0.3609, 0.4059



59.7330, 0.2333, 0.2815



59.7330, 0.2629, 0.2592

Sweetspot

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



59.7359, 0.3989, 0.3681



86.3744, 0.3331, 0.3401



48.5904, 0.3486, 0.2614



18.1901, 0.3356, 0.3413



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.



59.7359, 0.3989, 0.3681



54.4072, 0.4222, 0.3755



84.8790, 0.3786, 0.4157



19.0670, 0.3285, 0.3377



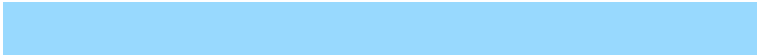
15.4214, 0.5802, 0.3775



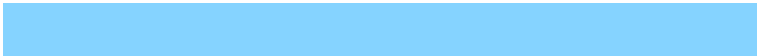
1.7005, 0.5587, 0.3946

Inverse Universe

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



63.4186, 0.2504, 0.2855



58.5384, 0.2391, 0.2753



41.5639, 0.2407, 0.2238



19.3069, 0.2980, 0.3202



17.6411, 0.1903, 0.2052



1.9255, 0.1947, 0.2209

Previews

White Background



This preview shows how the Yxy color 59.7330, 0.3989, 0.3681 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 59.7330, 0.3989, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

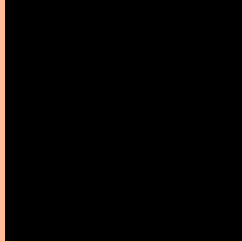
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7330, 0.3989, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 59.7330, 0.3989, 0.3681.



This preview shows how white text looks on a background with the Yxy color 59.7330, 0.3989, 0.3681.

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

59.7330, 0.3989, 0.3681

Protanopia

59.9322, 0.3575, 0.3817

Deuteranopia

59.7898, 0.3853, 0.3774



Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.7330, 0.3989, 0.3681

Protanomaly

59.6115, 0.3716, 0.3766

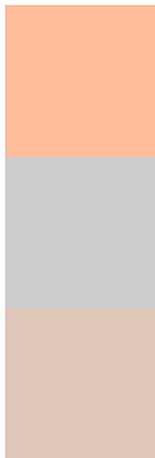
Deuteranomaly

59.7868, 0.3903, 0.3745

Tritanomaly

59.7140, 0.3760, 0.3344

Monochromacy



Original Color

59.7330, 0.3989, 0.3681

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8792, 0.3418, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7330, 0.3989, 0.3681 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(254, 189, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 189, 152)  
}
```

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(254, 189, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 189, 152) }
```

Border

The CSS property to change the border of an element to Yxy 59.7330, 0.3989, 0.3681 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(254, 189, 152) }
```

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

```
.border{ border-color:rgb(254, 189, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 189, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 189, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 189, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 189,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7330, 0.3989, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 189, 152) }
```

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

```
.background{ background-color: rgb(254,  
189, 152) }
```

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