

Converting Colors

$Y_{xy}(59.4425, 0.3896, 0.3600)$

Have a look what the booklet for
Yxy(59.4425, 0.3896, 0.3600)
contains.

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Color

Yxy(59.4425, 0.3896, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	FBBDA0
RGB	251, 189, 160
RGB Percent	98%, 74%, 63%
CMY	0.0156, 0.2588, 0.3725
CMYK	0.00, 0.25, 0.36, 0.02
HSL	19°, 92%, 81%
HSV	19°, 36%, 98%
XYZ	64.3300, 59.4425, 41.3456
YIQ	204.2320, 46.2610, 4.1250

Conversions

Conversions Part 2

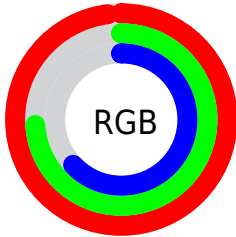
Format	Color
RYB	251, 203, 160
Decimal	16498080
CIELab	81.53, 18.59, 23.33
CIELCh	82, 29.835, 51.455
Yxy	59.4425, 0.3896, 0.3600
Android (android.graphics.Color)	4294688160 (0xFFFBBDAA)
YUV	204.2320, -21.8064, 41.0155
Hunter-Lab	77.0990, 14.0140, 22.1741

Details

The Yxy color **59.4425, 0.3896, 0.3600** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.6946, 0.2570, 0.2953**, and the grayscale version is **60.6590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4711, 0.3378, 0.3587**, and **30.0285, 0.4098, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **51.7235, 0.4195, 0.3685**, and if you desaturate by 10%, it is **68.2123, 0.3637, 0.3511**.

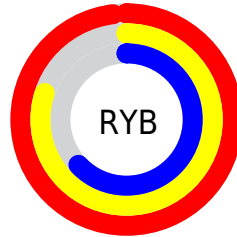
Distribution



Red (98%)

Green (74%)

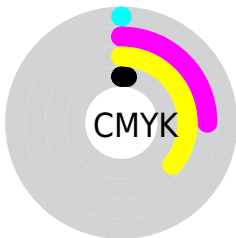
Blue (63%)



Red (98%)

Yellow (80%)

Blue (63%)

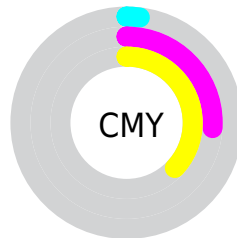


Cyan (0%)

Magenta (25%)

Yellow (36%)

Black (2%)



Cyan (2%)


Magenta (26%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4425, 0.3896, 0.3600 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 59.4425, 0.3896, 0.3600 by changing the saturation by 10% instead.


 59.4425, 0.3896,
0.3600


 59.4425, 0.3896,
0.3600


422.5398, 0.3524,
0.3463

 42.9694, 0.3984,
0.3629

 104.0205, 0.3764,
0.3554

 29.8611, 0.4095,
0.3662


 132.8943, 0.3714,
0.3536

 19.7332, 0.4237,
0.3702


166.6703, 0.3671,
0.3520

 12.2013, 0.4426,
0.3749

205.7332, 0.3633,
0.3506

 6.8809, 0.4686,
0.3800

250.4671, 0.3601,
0.3494

 3.3877, 0.5063,
0.3843

301.2566, 0.3572,

 1.3373, 0.5953,

0.3483

0.4047

358.4860, 0.3547,
0.3473

0.1698, 0.7837,
0.2163

0.0000, 0.0000,
0.0000

59.4425, 0.3896,
0.3600

59.4425, 0.3896,
0.3600

51.7235, 0.4195,
0.3685

68.2123, 0.3637,
0.3511

45.0062, 0.4530,
0.3757

78.0630, 0.3416,
0.3423

39.2497, 0.4891,
0.3805

89.0336, 0.3229,
0.3340

34.4067, 0.5256,
0.3817

99.2512, 0.3103,
0.3290

■ 30.4253, 0.5590,
0.3781

■ 27.2470, 0.5861,
0.3697

■ 26.2431, 0.5948,
0.3659

Harmonies

Analogous

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



59.4425, 0.3786, 0.3287



59.4425, 0.3896, 0.3600



59.4425, 0.3785, 0.3859

Triad

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



59.4425, 0.3896, 0.3600



59.4425, 0.2759, 0.3611



59.4425, 0.2738, 0.2668

Complementary

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



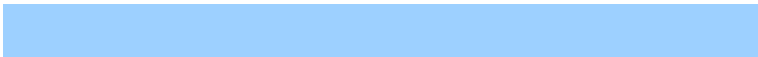
59.4425, 0.3896, 0.3600



66.6946, 0.2570, 0.2953

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.



59.4425, 0.2496, 0.2711



59.4425, 0.3896, 0.3600



59.4425, 0.2507, 0.3237

Square

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



59.4425, 0.3896, 0.3600



59.4425, 0.3120, 0.3896



59.4425, 0.2414, 0.2909



59.4425, 0.3097, 0.2771

Rectangle

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



59.4425, 0.3896, 0.3600



59.4425, 0.3608, 0.3961



59.4425, 0.2414, 0.2909



59.4425, 0.2641, 0.2665

Sweetspot

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



59.4453, 0.3896, 0.3600



86.7284, 0.3314, 0.3379



50.9414, 0.3413, 0.2651



18.2347, 0.3339, 0.3390



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.



59.4453, 0.3896, 0.3600



55.2944, 0.4125, 0.3667



82.0820, 0.3729, 0.4046



18.1276, 0.3286, 0.3366



14.0241, 0.5918, 0.3683



1.4812, 0.5686, 0.3867

Inverse Universe

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



66.6946, 0.2570, 0.2953



63.8391, 0.2459, 0.2868



45.7646, 0.2492, 0.2397



18.6214, 0.2980, 0.3213



19.2530, 0.1948, 0.2213



1.9741, 0.1988, 0.2357

Previews

White Background



This preview shows how the Yxy color 59.4425, 0.3896, 0.3600 looks on a white background.

Color Contrast Check

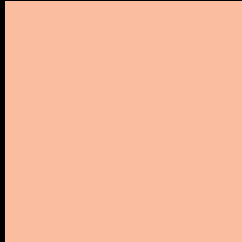
Large Text (above 18pt) WCAG AA × Fail

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 59.4425, 0.3896, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

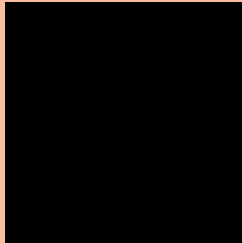
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4425, 0.3896, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 59.4425, 0.3896, 0.3600.



This preview shows how white text looks on a background with the Yxy color 59.4425, 0.3896, 0.3600.

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

59.4425, 0.3896, 0.3600

Protanopia

59.9121, 0.3498, 0.3725

Deuteranopia

59.5379, 0.3762, 0.3690



Tritanopia

59.6182, 0.3618, 0.3146

Trichromacy



Original Color

59.4425, 0.3896, 0.3600

Protanomaly

59.5625, 0.3636, 0.3677

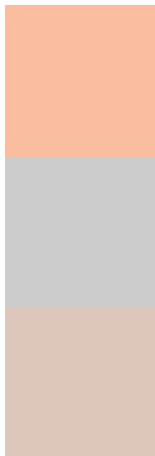
Deuteranomaly

59.5204, 0.3812, 0.3663

Tritanomaly

59.6493, 0.3726, 0.3313

Monochromacy



Original Color

59.4425, 0.3896, 0.3600

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8498, 0.3386, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4425, 0.3896, 0.3600 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(251, 189, 160)` looks like.

```
.text, #text, p{  
    color:rgb(251, 189, 160)  
}
```

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(251, 189, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 189, 160) }
```

Border

The CSS property to change the border of an element to Yxy 59.4425, 0.3896, 0.3600 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(251, 189, 160) }
```

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

```
.border{ border-color:rgb(251, 189, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 189, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 189, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 189, 160);  
box-shadow:4px 4px 4px 4px rgb(251, 189,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4425, 0.3896, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 189, 160) }
```

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

```
.background{ background-color: rgb(251,  
189, 160) }
```

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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