

Converting Colors

$Y_{xy}(100.0000, 0.3859, 0.3717)$

Have a look what the booklet for
Yxy(100.0000, 0.3859, 0.3717)
contains.

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Color

Yxy(89.3013, 0.3509, 0.3769)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3C3
RGB	255, 243, 195
RGB Percent	100%, 95%, 76%
CMY	0.0000, 0.0470, 0.2352
CMYK	0.00, 0.05, 0.24, 0.00
HSL	48°, 100%, 88%
HSV	48°, 24%, 100%
XYZ	83.1410, 89.3013, 64.4941
YIQ	241.1160, 22.5600, -12.3840

Conversions

Conversions Part 2

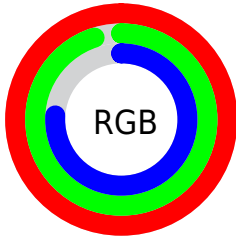
Format	Color
R _Y B	210, 255, 195
Decimal	16774083
CIE Lab	95.71, -3.31, 24.63
CIE LCh	96, 24.854, 97.648
Yxy	89.3013, 0.3509, 0.3769
Android (android.graphics.Color)	4294964163 (0xFFFFF3C3)
YUV	241.1160, -22.7352, 12.1763
Hunter-Lab	94.4994, -8.3288, 25.6852

Details

The Yxy color **89.3013, 0.3509, 0.3769** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.4530, 0.2735, 0.2760**, and the grayscale version is **88.2312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **49.4695, 0.3593, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **85.2398, 0.3686, 0.3977**, and if you desaturate by 10%, it is **93.6525, 0.3339, 0.3561**.

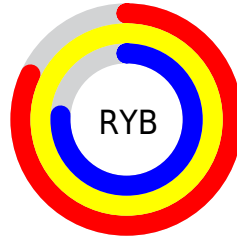
Distribution



Red (100%)

Green (95%)

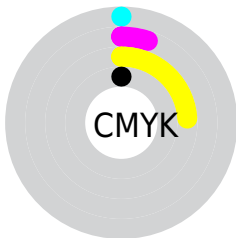
Blue (76%)



Red (82%)

Yellow (100%)

Blue (76%)

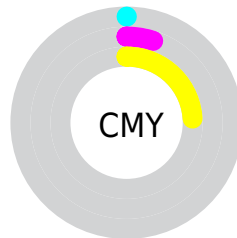


Cyan (0%)

Magenta (5%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.3013, 0.3509, 0.3769 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 89.3013, 0.3509, 0.3769 by changing the saturation by 10% instead.


 89.3013, 0.3509,
0.3769

 89.3013, 0.3509,
0.3769


525.7554, 0.3340,
0.3555

 67.4013, 0.3546,
0.3816


146.3675, 0.3452,
0.3696

 49.4108, 0.3590,
0.3873


182.3025, 0.3429,
0.3667

 34.9455, 0.3644,
0.3944


223.6845, 0.3410,
0.3642

 23.6209, 0.3712,
0.4033

270.8981, 0.3393,
0.3621

 15.0526, 0.3799,
0.4150

324.3276, 0.3377,
0.3601

 8.8563, 0.3915,
0.4308

384.3574, 0.3364,

 4.6476, 0.4071,

0.3584

0.4528

451.3718, 0.3351,
0.3569

■ 2.0420, 0.4490,
0.5084

■ 0.6317, 0.4513,
0.5487

■ 89.3013, 0.3509,
0.3769

■ 89.3013, 0.3509,
0.3769

■ 85.2398, 0.3686,
0.3977

■ 93.6525, 0.3339,
0.3561

■ 81.4452, 0.3866,
0.4178

■ 98.2914, 0.3180,
0.3359

■ 77.9101, 0.4042,
0.4361

99.9991, 0.3127,
0.3290

■ 74.6217, 0.4206,
0.4516

■ 71.5658, 0.4352,
0.4634

■ 68.7261, 0.4472,
0.4706

■ 66.0828, 0.4561,
0.4730

■ 64.4570, 0.4606,
0.4725

Harmonies

Analogous

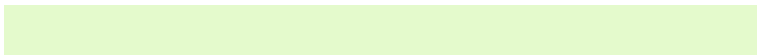
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3013, 0.3662, 0.3635



89.3013, 0.3509, 0.3769



89.3013, 0.3256, 0.3772

Triad

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



89.3013, 0.3509, 0.3769



89.3013, 0.2616, 0.3119



89.3013, 0.3263, 0.2985

Complementary

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



89.3013, 0.3509, 0.3769



63.4530, 0.2735, 0.2760

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.



89.3013, 0.2980, 0.2856



89.3013, 0.3509, 0.3769



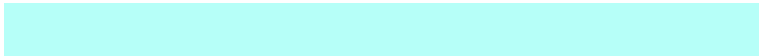
89.3013, 0.2617, 0.2922

Square

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



89.3013, 0.3509, 0.3769



89.3013, 0.2745, 0.3381



89.3013, 0.2746, 0.2831



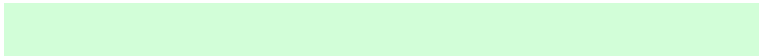
89.3013, 0.3518, 0.3187

Rectangle

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



89.3013, 0.3509, 0.3769



89.3013, 0.3068, 0.3690



89.3013, 0.2746, 0.2831



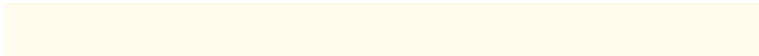
89.3013, 0.3167, 0.2932

Sweetspot

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



89.3053, 0.3509, 0.3769



96.6478, 0.3234, 0.3428



64.8030, 0.3521, 0.3168



20.6262, 0.3244, 0.3440



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

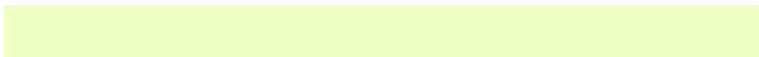
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3053, 0.3509, 0.3769



87.4537, 0.3588, 0.3863



93.4629, 0.3364, 0.3903



20.4375, 0.3274, 0.3479



33.8985, 0.4598, 0.4731



3.4499, 0.4543, 0.4775

Inverse Universe

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



63.4530, 0.2735, 0.2760



57.6906, 0.2652, 0.2643



60.4058, 0.2848, 0.2646



17.9656, 0.2979, 0.3094



5.1735, 0.1554, 0.0793



0.6486, 0.1607, 0.0984

Previews

White Background



This preview shows how the Yxy color 89.3013, 0.3509, 0.3769 looks on a white background.

Color Contrast Check

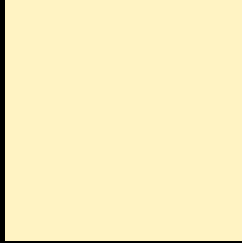
Large Text (above 18pt) WCAG AA × Fail

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 89.3013, 0.3509, 0.3769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

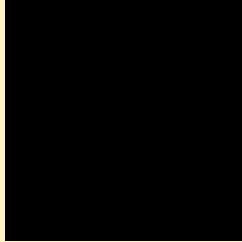
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.3013, 0.3509, 0.3769

Background



This preview shows how black text looks on a background with the Yxy color 89.3013, 0.3509, 0.3769.



This preview shows how white text looks on a background with the Yxy color 89.3013, 0.3509, 0.3769.

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

89.3013, 0.3509, 0.3769

Protanopia

89.1239, 0.3453, 0.3669

Deuteranopia

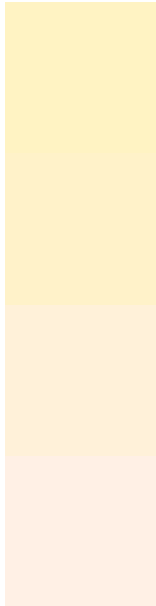
89.2933, 0.3290, 0.3389



Tritanopia

89.2486, 0.3172, 0.3184

Trichromacy



Original Color

89.3013, 0.3509, 0.3769

Protanomaly

88.9813, 0.3473, 0.3699

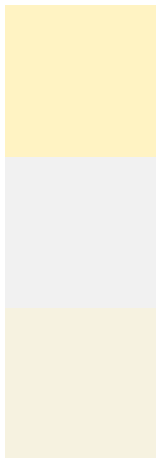
Deuteranomaly

89.1803, 0.3371, 0.3528

Tritanomaly

89.2373, 0.3296, 0.3399

Monochromacy



Original Color

89.3013, 0.3509, 0.3769

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.4789, 0.3264, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3013, 0.3509, 0.3769 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, 243, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 195)  
}
```

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, 243, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 195) }
```

Border

The CSS property to change the border of an element to Yxy 89.3013, 0.3509, 0.3769 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, 243, 195) }
```

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

```
.border{ border-color:rgb(255, 243, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3013, 0.3509, 0.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 195) }
```

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

```
.background{ background-color: rgb(255,  
243, 195) }
```

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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