

Converting Colors

$Y_{xy}(100.0000, 0.3823, 0.3599)$

Have a look what the booklet for
Yxy(100.0000, 0.3823, 0.3599)
contains.

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Color

Yxy(88.5784, 0.3449, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1CD
RGB	255, 241, 205
RGB Percent	100%, 95%, 80%
CMY	0.0000, 0.0549, 0.1961
CMYK	0.00, 0.05, 0.20, 0.00
HSL	43°, 100%, 90%
HSV	43°, 20%, 100%
XYZ	83.7235, 88.5784, 70.4452
YIQ	241.0820, 19.9000, -8.2280

Conversions

Conversions Part 2

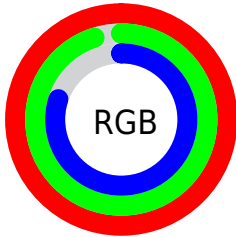
Format	Color
R_{YB}	224, 255, 205
Decimal	16773581
CIE _{Lab}	95.40, -0.89, 19.10
CIE _{LCh}	95, 19.117, 92.671
Yxy	88.5784, 0.3449, 0.3649
Android (android.graphics.Color)	4294963661 (0xFFFFF1CD)
YUV	241.0820, -17.7884, 12.2061
Hunter-Lab	94.1161, -5.9138, 21.5031

Details

The Yxy color **88.5784, 0.3449, 0.3649** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.8685, 0.2809, 0.2903**, and the grayscale version is **88.1598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9381, 0.3516, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **83.2974, 0.3633, 0.3840**, and if you desaturate by 10%, it is **94.2221, 0.3278, 0.3462**.

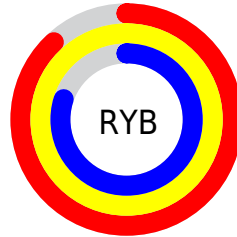
Distribution



Red (100%)

Green (95%)

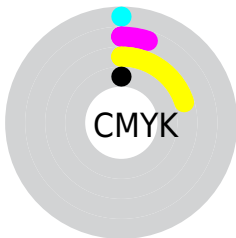
Blue (80%)



Red (88%)

Yellow (100%)

Blue (80%)

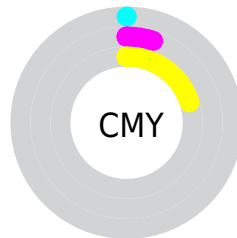


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5784, 0.3449, 0.3649 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 88.5784, 0.3449, 0.3649 by changing the saturation by 10% instead.

 88.5784, 0.3449,
0.3649

 88.5784, 0.3449,
0.3649


523.3955, 0.3306,
0.3489

 66.8022, 0.3480,
0.3684

145.3621, 0.3400,
0.3594

 48.9239, 0.3518,
0.3727

181.1385, 0.3381,
0.3573

 34.5591, 0.3566,
0.3780


222.3503, 0.3364,
0.3554

 23.3234, 0.3626,
0.3848

269.3820, 0.3350,
0.3538

 14.8325, 0.3704,
0.3936

322.6180, 0.3337,
0.3523

 8.7019, 0.3810,
0.4057

382.4426, 0.3325,

 4.5473, 0.3960,

0.3511

0.4230

449.2403, 0.3315,
0.3499

■ 1.9842, 0.4246,
0.4556

■ 0.5983, 0.4776,
0.5224

■ 88.5784, 0.3449,
0.3649

■ 88.5784, 0.3449,
0.3649

■ 83.2974, 0.3633,
0.3840

■ 94.2221, 0.3278,
0.3462

■ 78.3733, 0.3826,
0.4027

100.0000, 0.3127,
0.3290

■ 73.7917, 0.4024,
0.4203

■ 69.5391, 0.4220,
0.4358

■ 65.6008, 0.4403,
0.4479

■ 61.9599, 0.4566,
0.4556

■ 58.5969, 0.4699,
0.4585

■ 55.4824, 0.4803,
0.4566

■ 55.3633, 0.4807,
0.4565

Harmonies

Analogous

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



88.5784, 0.3548, 0.3536



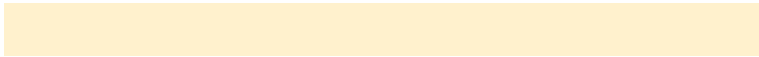
88.5784, 0.3449, 0.3649



88.5784, 0.3264, 0.3666

Triad

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



88.5784, 0.3449, 0.3649



88.5784, 0.2740, 0.3193



88.5784, 0.3197, 0.3030

Complementary

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



88.5784, 0.3449, 0.3649



70.8685, 0.2809, 0.2903

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.



88.5784, 0.2980, 0.2942



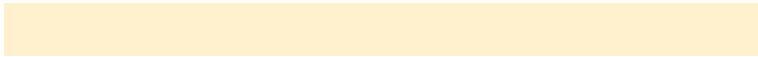
88.5784, 0.3449, 0.3649



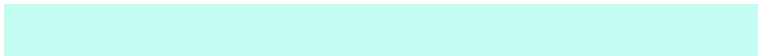
88.5784, 0.2722, 0.3027

Square

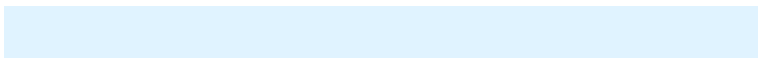
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5784, 0.3449, 0.3649



88.5784, 0.2857, 0.3395



88.5784, 0.2809, 0.2939



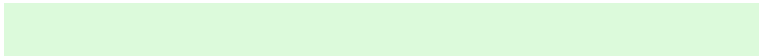
88.5784, 0.3400, 0.3182

Rectangle

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



88.5784, 0.3449, 0.3649



88.5784, 0.3120, 0.3615



88.5784, 0.2809, 0.2939



88.5784, 0.3123, 0.2992

Sweetspot

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



88.5765, 0.3449, 0.3649



96.3494, 0.3220, 0.3397



70.0493, 0.3409, 0.3147



20.5395, 0.3230, 0.3408



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.



88.5765, 0.3449, 0.3649



86.2120, 0.3528, 0.3733



95.1913, 0.3352, 0.3792



20.1800, 0.3276, 0.3460



29.1937, 0.4794, 0.4575



3.0273, 0.4710, 0.4643

Inverse Universe

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



70.8685, 0.2809, 0.2903



65.2230, 0.2731, 0.2804



65.4601, 0.2872, 0.2759



18.2060, 0.2979, 0.3114



6.3712, 0.1597, 0.0948



0.7953, 0.1657, 0.1164

Previews

White Background



This preview shows how the Yxy color 88.5784, 0.3449, 0.3649 looks on a white background.

Color Contrast Check

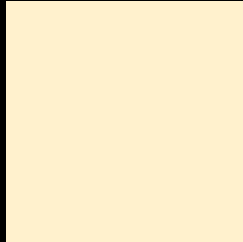
Large Text (above 18pt) WCAG AA × Fail

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 88.5784, 0.3449, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

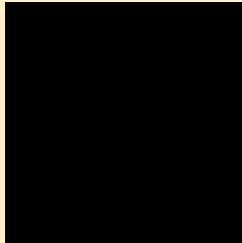
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.5784, 0.3449, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 88.5784, 0.3449, 0.3649.



This preview shows how white text looks on a background with the Yxy color 88.5784, 0.3449, 0.3649.

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

88.5784, 0.3449, 0.3649

Protanopia

88.3892, 0.3442, 0.3650

Deuteranopia

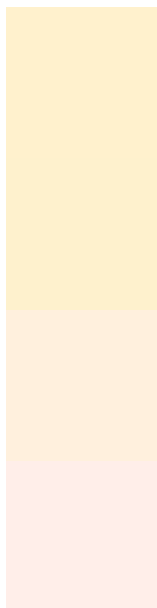
88.7062, 0.3291, 0.3379



Tritanopia

88.6679, 0.3172, 0.3174

Trichromacy



Original Color

88.5784, 0.3449, 0.3649

Protanomaly

88.3892, 0.3442, 0.3650

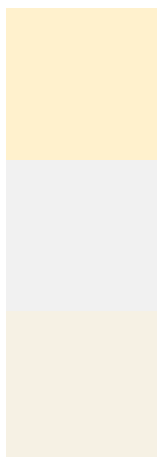
Deuteranomaly

88.8006, 0.3347, 0.3478

Tritanomaly

88.2923, 0.3273, 0.3340

Monochromacy



Original Color

88.5784, 0.3449, 0.3649

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.1049, 0.3240, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5784, 0.3449, 0.3649 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, 241, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 205)  
}
```

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, 241, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 205) }
```

Border

The CSS property to change the border of an element to Yxy 88.5784, 0.3449, 0.3649 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, 241, 205) }
```

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

```
.border{ border-color:rgb(255, 241, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 241, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5784, 0.3449, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 205) }
```

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

```
.background{ background-color: rgb(255,  
241, 205) }
```

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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