

Converting Colors

$Y_{xy}(97.5177, 0.3885, 0.3875)$

Have a look what the booklet for
Yxy(97.5177, 0.3885, 0.3875)
contains.

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Color

Yxy(89.2160, 0.3608, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4B3
RGB	255, 244, 179
RGB Percent	100%, 96%, 70%
CMY	0.0001, 0.0431, 0.2980
CMYK	0.00, 0.04, 0.30, 0.00
HSL	51°, 100%, 85%
HSV	51°, 30%, 100%
XYZ	81.7190, 89.2160, 55.5590
YIQ	239.8790, 27.4210, -17.8830

Conversions

Conversions Part 2

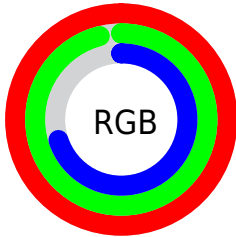
Format	Color
R_{YB}	192, 255, 179
Decimal	16774323
CIE _{Lab}	95.67, -5.90, 32.72
CIE _{LCh}	96, 33.244, 100.216
Yxy	89.2160, 0.3608, 0.3939
Android (android.graphics.Color)	4294964403 (0xFFFFF4B3)
YUV	239.8790, -30.0133, 13.2611
Hunter-Lab	94.4542, -10.8619, 31.2429

Details

The Yxy color **89.2160, 0.3608, 0.3939** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.6083, 0.2612, 0.2545**, and the grayscale version is **87.2607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **49.3431, 0.3700, 0.4077** is the 20% darker color. If you saturate the color by 10%, you get **86.0911, 0.3778, 0.4155**, and if you desaturate by 10%, it is **92.5838, 0.3440, 0.3718**.

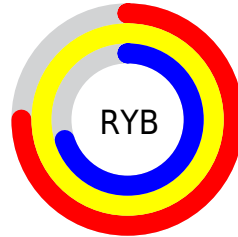
Distribution



Red (100%)

Green (96%)

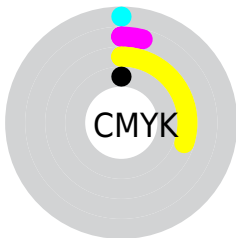
Blue (70%)



Red (75%)

Yellow (100%)

Blue (70%)

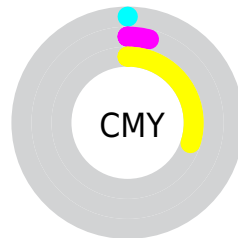


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2160, 0.3608, 0.3939 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 89.2160, 0.3608, 0.3939 by changing the saturation by 10% instead.


 89.2160, 0.3608,
0.3939

 89.2160, 0.3608,
0.3939


525.4772, 0.3398,
0.3649

 67.3306, 0.3653,
0.4002


 146.2489, 0.3538,
0.3841

 49.3533, 0.3706,
0.4079


182.1652, 0.3510,
0.3802

 34.8998, 0.3771,
0.4174


223.5272, 0.3485,
0.3768

 23.5857, 0.3850,
0.4292

270.7193, 0.3463,
0.3738

 15.0266, 0.3950,
0.4445

324.1260, 0.3444,
0.3712

 8.8381, 0.4074,
0.4645

384.1316, 0.3427,

 4.6357, 0.4228,

0.3688

0.4916

451.1206, 0.3412,
0.3667

■ 2.0351, 0.4543,
0.5457

■ 0.6278, 0.4190,
0.5810

■ 89.2160, 0.3608,
0.3939

■ 89.2160, 0.3608,
0.3939

■ 86.0911, 0.3778,
0.4155

■ 92.5838, 0.3440,
0.3718

■ 83.1863, 0.3943,
0.4355

■ 96.1925, 0.3277,
0.3498

■ 80.4938, 0.4096,
0.4530

99.9945, 0.3127,
0.3290

■ 78.0004, 0.4231,
0.4670

■ 75.6912, 0.4341,
0.4767

■ 73.5483, 0.4422,
0.4817

■ 71.5435, 0.4477,
0.4826

■ 71.5035, 0.4478,
0.4826

Harmonies

Analogous

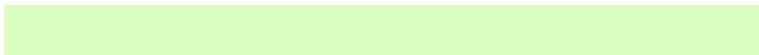
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2160, 0.3832, 0.3762



89.2160, 0.3608, 0.3939



89.2160, 0.3262, 0.3935

Triad

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



89.2160, 0.3608, 0.3939



89.2160, 0.2446, 0.3028



89.2160, 0.3338, 0.2908

Complementary

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



89.2160, 0.3608, 0.3939



53.6083, 0.2612, 0.2545

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.



89.2160, 0.2958, 0.2731



89.2160, 0.3608, 0.3939



89.2160, 0.2462, 0.2781

Square

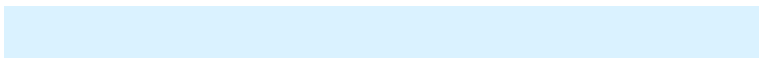
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.2160, 0.3608, 0.3939



89.2160, 0.2598, 0.3377



89.2160, 0.2643, 0.2681



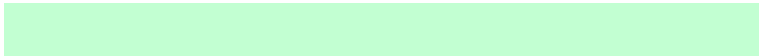
89.2160, 0.3676, 0.3175

Rectangle

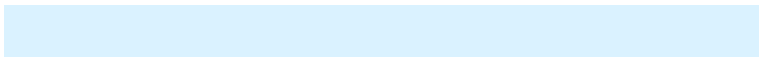
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.2160, 0.3608, 0.3939



89.2160, 0.3012, 0.3814



89.2160, 0.2643, 0.2681



89.2160, 0.3210, 0.2836

Sweetspot

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



89.2200, 0.3608, 0.3939



96.5157, 0.3265, 0.3481



57.2289, 0.3697, 0.3173



20.5420, 0.3288, 0.3512



0.0000, 0.0000, 0.0000



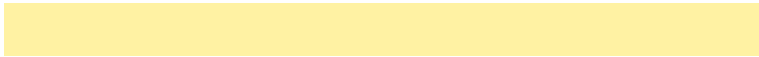
21.4041, 0.3127, 0.3290

Same Dimension

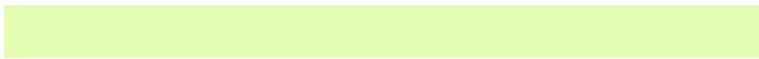
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2200, 0.3608, 0.3939



87.2745, 0.3713, 0.4074



91.3124, 0.3399, 0.4084



20.6178, 0.3273, 0.3492



37.5425, 0.4473, 0.4830



3.7721, 0.4436, 0.4860

Inverse Universe

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



53.6083, 0.2612, 0.2545



46.2502, 0.2490, 0.2359



52.5206, 0.2786, 0.2459



17.8002, 0.2979, 0.3080



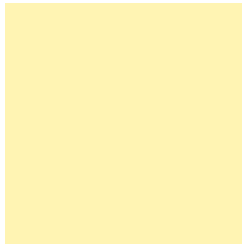
4.5832, 0.1532, 0.0714



0.5669, 0.1577, 0.0878

Previews

White Background



This preview shows how the Yxy color 89.2160, 0.3608, 0.3939 looks on a white background.

Color Contrast Check

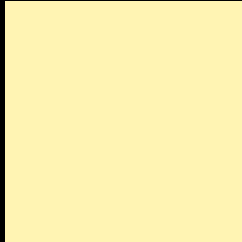
Large Text (above 18pt) WCAG AA × Fail

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 89.2160, 0.3608, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

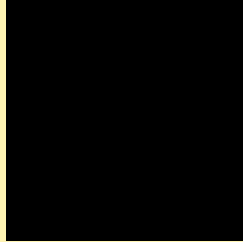
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.2160, 0.3608, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 89.2160, 0.3608, 0.3939.



This preview shows how white text looks on a background with the Yxy color 89.2160, 0.3608, 0.3939.

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

89.2160, 0.3608, 0.3939

Protanopia

88.9813, 0.3473, 0.3699

Deuteranopia

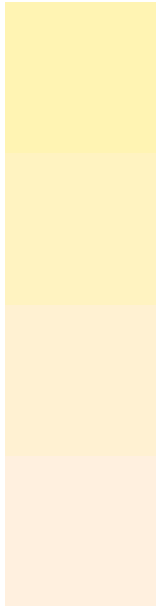
89.1816, 0.3302, 0.3409



Tritanopia

89.1864, 0.3178, 0.3193

Trichromacy



Original Color

89.2160, 0.3608, 0.3939

Protanomaly

89.2114, 0.3522, 0.3789

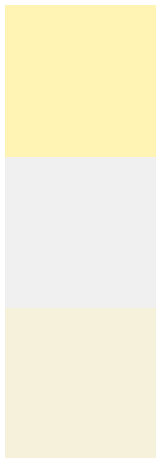
Deuteranomaly

88.8237, 0.3417, 0.3599

Tritanomaly

88.9079, 0.3334, 0.3458

Monochromacy



Original Color

89.2160, 0.3608, 0.3939

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.3850, 0.3297, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2160, 0.3608, 0.3939 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, 244, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 179)  
}
```

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, 244, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 179) }
```

Border

The CSS property to change the border of an element to Yxy 89.2160, 0.3608, 0.3939 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, 244, 179) }
```

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

```
.border{ border-color:rgb(255, 244, 179) }
```

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

Here you see how a box with a 4 pixel rgb(255, 244, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2160, 0.3608, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 179) }
```

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

```
.background{ background-color: rgb(255,  
244, 179) }
```

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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