

Converting Colors

$Yxy(84.5526, 0.3581, 0.3893)$

Have a look what the booklet for
Yxy(84.5526, 0.3581, 0.3893)
contains.

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Color

Yxy(84.5435, 0.3581, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	F9EEB3
RGB	249, 238, 179
RGB Percent	98%, 93%, 70%
CMY	0.0237, 0.0666, 0.2981
CMYK	0.00, 0.04, 0.28, 0.02
HSL	51°, 85%, 84%
HSV	51°, 28%, 98%
XYZ	77.7679, 84.5435, 54.8566
YIQ	234.5630, 25.4950, -16.0170

Conversions

Conversions Part 2

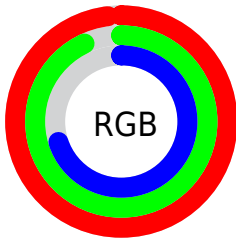
Format	Color
RYB	192, 249, 179
Decimal	16379571
CIELab	93.69, -5.13, 29.97
CIELCh	94, 30.407, 99.716
Yxy	84.5435, 0.3581, 0.3893
Android (android.graphics.Color)	4294569651 (0xFFFF9EEB3)
YUV	234.5630, -27.3926, 12.6612
Hunter-Lab	91.9475, -9.9356, 28.9904

Details

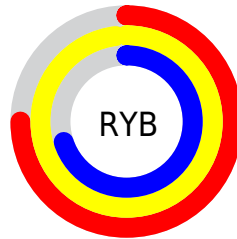
The Yxy color **84.5435, 0.3581, 0.3893** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.2162, 0.2647, 0.2605**, and the grayscale version is **82.9241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **46.1687, 0.3678, 0.4021** is the 20% darker color. If you saturate the color by 10%, you get **81.3853, 0.3753, 0.4108**, and if you desaturate by 10%, it is **87.9402, 0.3412, 0.3674**.

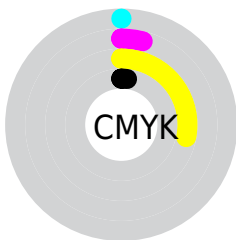
Distribution



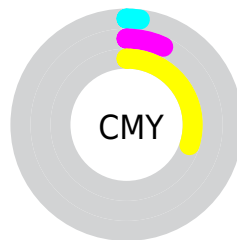
- Red (98%)
- Green (93%)
- Blue (70%)



- Red (75%)
- Yellow (98%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5435, 0.3581, 0.3893 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 84.5435, 0.3581, 0.3893 by changing the saturation by 10% instead.


 84.5435, 0.3581,
0.3893

 84.5435, 0.3581,
0.3893


510.1163, 0.3380,
0.3620

 63.4643, 0.3624,
0.3953


 139.7352, 0.3513,
0.3800

 46.2169, 0.3677,
0.4026


174.6164, 0.3486,
0.3763

 32.4170, 0.3740,
0.4117


214.8671, 0.3463,
0.3732

 21.6802, 0.3820,
0.4232

260.8717, 0.3442,
0.3704

 13.6221, 0.3920,
0.4381

313.0145, 0.3424,
0.3679

 7.8583, 0.4048,
0.4581

371.6799, 0.3408,

 4.0044, 0.4217,

0.3657

0.4861

437.2524, 0.3393,
0.3638

■ 1.6760, 0.4567,
0.5433

■ 0.4081, 0.3915,
0.6085

■ 84.5435, 0.3581,
0.3893

■ 84.5435, 0.3581,
0.3893

■ 81.3853, 0.3753,
0.4108

■ 87.9402, 0.3412,
0.3674

■ 78.4442, 0.3922,
0.4309

■ 91.5735, 0.3251,
0.3459

■ 75.7129, 0.4081,
0.4487

■ 95.4558, 0.3099,
0.3252

■ 73.1792, 0.4223,
0.4632

■ 97.9831, 0.3090,
0.3276

■ 70.8292, 0.4342,
0.4735

■ 98.8738, 0.3090,
0.3290

■ 68.6467, 0.4433,
0.4792

■ 66.6093, 0.4495,
0.4805

■ 66.2347, 0.4505,
0.4805

Harmonies

Analogous

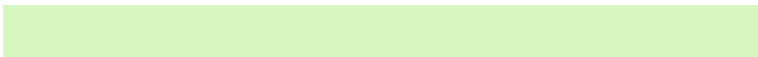
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5435, 0.3786, 0.3728



84.5435, 0.3581, 0.3893



84.5435, 0.3260, 0.3890

Triad

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



84.5435, 0.3581, 0.3893



84.5435, 0.2491, 0.3052



84.5435, 0.3319, 0.2929

Complementary

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



84.5435, 0.3581, 0.3893



53.2162, 0.2647, 0.2605

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.



84.5435, 0.2965, 0.2764



84.5435, 0.3581, 0.3893



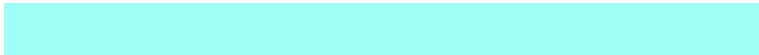
84.5435, 0.2504, 0.2819

Square

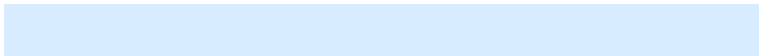
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5435, 0.3581, 0.3893



84.5435, 0.2638, 0.3377



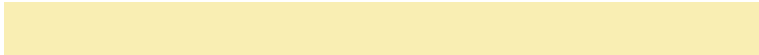
84.5435, 0.2672, 0.2721



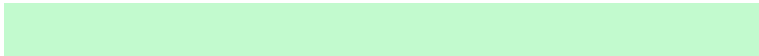
84.5435, 0.3634, 0.3179

Rectangle

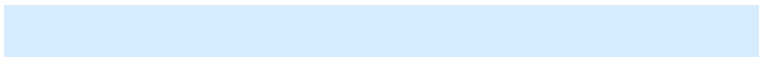
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5435, 0.3581, 0.3893



84.5435, 0.3027, 0.3780



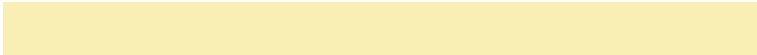
84.5435, 0.2672, 0.2721



84.5435, 0.3200, 0.2862

Sweetspot

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



84.5473, 0.3581, 0.3893



96.7355, 0.3249, 0.3457



56.1126, 0.3643, 0.3167



20.5780, 0.3273, 0.3489



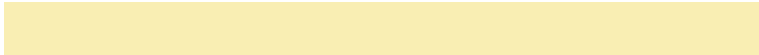
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

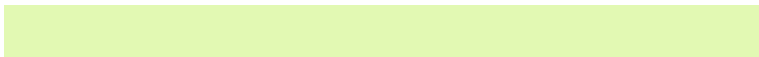
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5473, 0.3581, 0.3893



87.2670, 0.3683, 0.4021



87.0958, 0.3392, 0.4033



19.7009, 0.3273, 0.3488



35.6377, 0.4499, 0.4809



3.4211, 0.4457, 0.4843

Inverse Universe

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



53.2162, 0.2647, 0.2605



48.9783, 0.2531, 0.2433



51.6702, 0.2801, 0.2510



17.0814, 0.2979, 0.3083



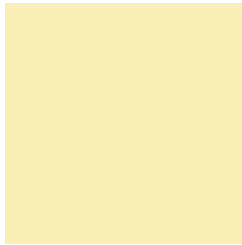
4.5657, 0.1536, 0.0730



0.5469, 0.1587, 0.0912

Previews

White Background



This preview shows how the Yxy color 84.5435, 0.3581, 0.3893 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 84.5435, 0.3581, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

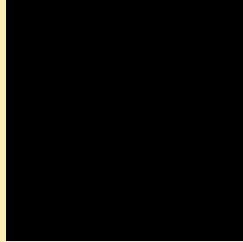
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.5435, 0.3581, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 84.5435, 0.3581, 0.3893.



This preview shows how white text looks on a background with the Yxy color 84.5435, 0.3581, 0.3893.

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

84.5435, 0.3581, 0.3893

Protanopia

84.8536, 0.3627, 0.3886

Deuteranopia

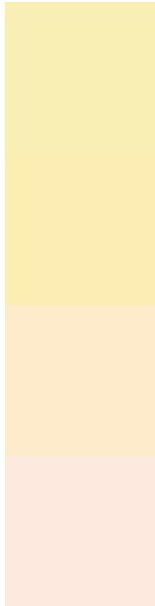
84.4957, 0.3390, 0.3460



Tritanopia

84.5074, 0.3196, 0.3134

Trichromacy



Original Color

84.5435, 0.3581, 0.3893

Protanomaly

84.4782, 0.3612, 0.3889

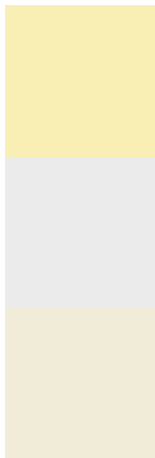
Deuteranomaly

84.6111, 0.3459, 0.3613

Tritanomaly

84.4344, 0.3336, 0.3400

Monochromacy



Original Color

84.5435, 0.3581, 0.3893

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.4225, 0.3287, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5435, 0.3581, 0.3893 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(249, 238, 179)` looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 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(249, 238, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 179) }
```

Border

The CSS property to change the border of an element to Yxy 84.5435, 0.3581, 0.3893 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(249, 238, 179) }
```

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

```
.border{ border-color:rgb(249, 238, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 179);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5435, 0.3581, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 179) }
```

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

```
.background{ background-color: rgb(249,  
238, 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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