

Converting Colors

$Y_{xy}(111.7183, 0.4093, 0.3560)$

Have a look what the booklet for
Yxy(111.7183, 0.4093, 0.3560)
contains.

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Color

Yxy(88.6756, 0.3436, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1CF
RGB	255, 241, 207
RGB Percent	100%, 95%, 81%
CMY	0.0000, 0.0549, 0.1883
CMYK	0.00, 0.05, 0.19, 0.00
HSL	43°, 100%, 91%
HSV	43°, 19%, 100%
XYZ	83.9596, 88.6756, 71.7175
YIQ	241.3100, 19.2580, -7.6060

Conversions

Conversions Part 2

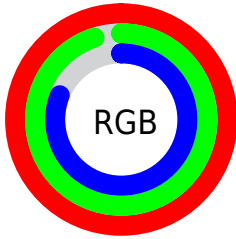
Format	Color
R _Y B	227, 255, 207
Decimal	16773583
CIE Lab	95.44, -0.62, 18.13
CIE LCh	95, 18.142, 91.946
Yxy	88.6756, 0.3436, 0.3629
Android (android.graphics.Color)	4294963663 (0xFFFFF1CF)
YUV	241.3100, -16.9148, 12.0061
Hunter-Lab	94.1677, -5.6436, 20.7625

Details

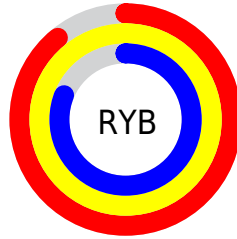
The Yxy color **88.6756, 0.3436, 0.3629** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.1923, 0.2823, 0.2926**, and the grayscale version is **88.3449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0036, 0.3500, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **83.2173, 0.3620, 0.3817**, and if you desaturate by 10%, it is **94.5191, 0.3265, 0.3445**.

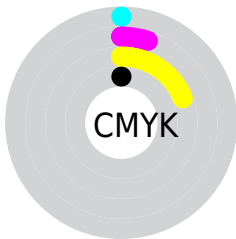
Distribution



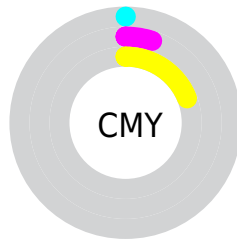
- Red (100%)
- Green (95%)
- Blue (81%)



- Red (89%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.6756, 0.3436, 0.3629 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 88.6756, 0.3436, 0.3629 by changing the saturation by 10% instead.


 88.6756, 0.3436,
0.3629

 88.6756, 0.3436,
0.3629


523.7132, 0.3298,
0.3478

 66.8827, 0.3466,
0.3662

145.4974, 0.3389,
0.3578

 48.9893, 0.3503,
0.3703


181.2951, 0.3371,
0.3557

 34.6110, 0.3548,
0.3753


222.5298, 0.3355,
0.3540

 23.3634, 0.3606,
0.3817

269.5860, 0.3341,
0.3524

 14.8621, 0.3681,
0.3900

322.8480, 0.3328,
0.3510

 8.7226, 0.3784,
0.4015

382.7003, 0.3317,

 4.5607, 0.3931,

0.3498

0.4179

449.5272, 0.3307,
0.3487

■ 1.9919, 0.4193,
0.4473

■ 0.6028, 0.4807,
0.5193

■ 88.6756, 0.3436,
0.3629

■ 88.6756, 0.3436,
0.3629

■ 83.2173, 0.3620,
0.3817

■ 94.5191, 0.3265,
0.3445

■ 78.1262, 0.3815,
0.4002

100.0000, 0.3127,
0.3290

■ 73.3919, 0.4016,
0.4177

■ 69.0006, 0.4216,
0.4332

■ 64.9374, 0.4405,
0.4454

■ 61.1855, 0.4574,
0.4533

■ 57.7253, 0.4715,
0.4563

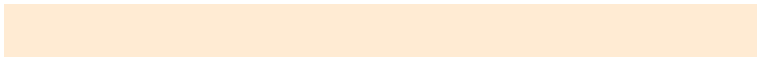
■ 54.5294, 0.4825,
0.4545

■ 54.1676, 0.4837,
0.4541

Harmonies

Analogous

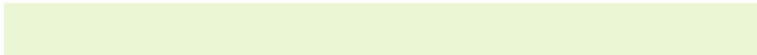
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6756, 0.3527, 0.3520



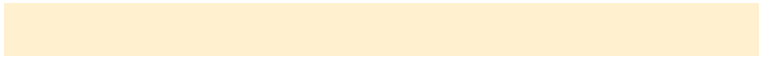
88.6756, 0.3436, 0.3629



88.6756, 0.3262, 0.3647

Triad

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



88.6756, 0.3436, 0.3629



88.6756, 0.2761, 0.3203



88.6756, 0.3188, 0.3040

Complementary

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



88.6756, 0.3436, 0.3629



72.1923, 0.2823, 0.2926

Split Complementary

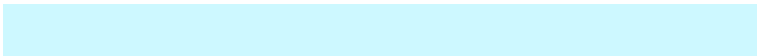
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6756, 0.2983, 0.2958



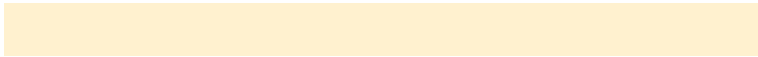
88.6756, 0.3436, 0.3629



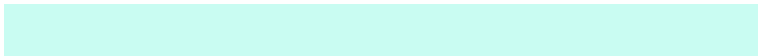
88.6756, 0.2742, 0.3044

Square

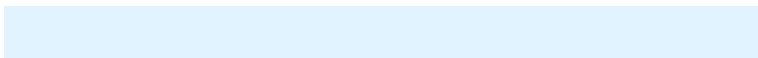
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.6756, 0.3436, 0.3629



88.6756, 0.2874, 0.3394



88.6756, 0.2822, 0.2958



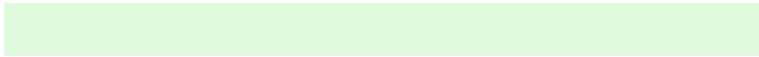
88.6756, 0.3382, 0.3184

Rectangle

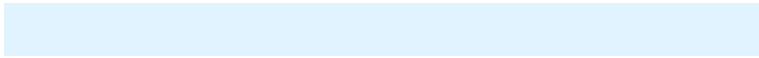
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.6756, 0.3436, 0.3629



88.6756, 0.3125, 0.3600



88.6756, 0.2822, 0.2958



88.6756, 0.3118, 0.3005

Sweetspot

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



88.6777, 0.3436, 0.3629



96.2403, 0.3220, 0.3395



71.1245, 0.3390, 0.3145



20.5136, 0.3230, 0.3406



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.



88.6777, 0.3436, 0.3629



86.3527, 0.3511, 0.3707



95.5090, 0.3348, 0.3770



20.1435, 0.3276, 0.3458



28.5741, 0.4824, 0.4552



2.9709, 0.4735, 0.4623

Inverse Universe

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



72.1923, 0.2823, 0.2926



66.8176, 0.2750, 0.2835



66.5326, 0.2879, 0.2781



18.2405, 0.2979, 0.3117



6.5776, 0.1604, 0.0974



0.8192, 0.1664, 0.1192

Previews

White Background



This preview shows how the Yxy color 88.6756, 0.3436, 0.3629 looks on a white background.

Color Contrast Check

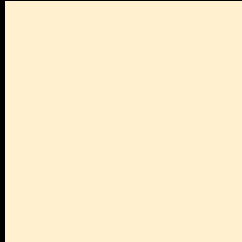
Large Text (above 18pt) WCAG AA × Fail

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 88.6756, 0.3436, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

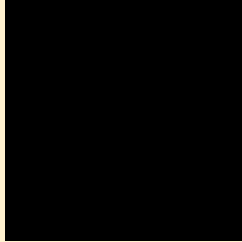
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.6756, 0.3436, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 88.6756, 0.3436, 0.3629.



This preview shows how white text looks on a background with the Yxy color 88.6756, 0.3436, 0.3629.

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

88.6756, 0.3436, 0.3629

Protanopia

88.4864, 0.3429, 0.3630

Deuteranopia

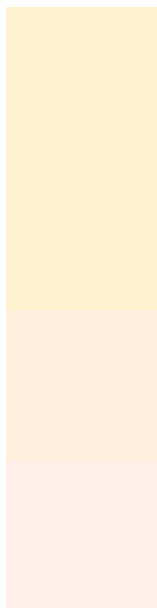
88.7625, 0.3284, 0.3369



Tritanopia

88.6679, 0.3172, 0.3174

Trichromacy



Original Color

88.6756, 0.3436, 0.3629

Protanomaly

88.4864, 0.3429, 0.3630

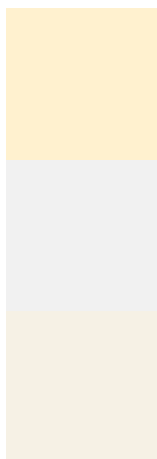
Deuteranomaly

88.8541, 0.3341, 0.3468

Tritanomaly

88.3496, 0.3266, 0.3330

Monochromacy



Original Color

88.6756, 0.3436, 0.3629

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.1606, 0.3234, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6756, 0.3436, 0.3629 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 207) }
```

Border

The CSS property to change the border of an element to Yxy 88.6756, 0.3436, 0.3629 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, 207) }
```

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

```
.border{ border-color:rgb(255, 241, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6756, 0.3436, 0.3629 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
241, 207) }
```

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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