

Converting Colors

$Y_{xy}(100.0000, 0.3861, 0.3643)$

Have a look what the booklet for
Yxy(100.0000, 0.3861, 0.3643)
contains.

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Color

Yxy(88.3407, 0.3481, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1C8
RGB	255, 241, 200
RGB Percent	100%, 95%, 78%
CMY	0.0001, 0.0548, 0.2157
CMYK	0.00, 0.05, 0.22, 0.00
HSL	45°, 100%, 89%
HSV	45°, 22%, 100%
XYZ	83.1119, 88.3407, 67.3061
YIQ	240.5120, 21.5050, -9.7830

Conversions

Conversions Part 2

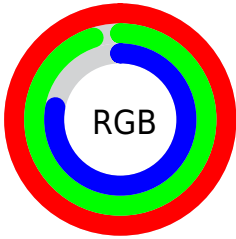
Format	Color
R_{YB}	219, 255, 200
Decimal	16773576
CIE _{Lab}	95.30, -1.63, 21.53
CIE _{LCh}	95, 21.595, 94.331
Yxy	88.3407, 0.3481, 0.3700
Android (android.graphics.Color)	4294963656 (0xFFFFF1C8)
YUV	240.5120, -19.9724, 12.7060
Hunter-Lab	93.9897, -6.6406, 23.3352

Details

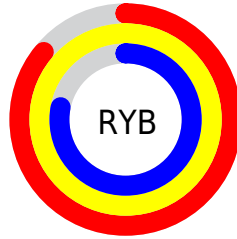
The Yxy color **88.3407, 0.3481, 0.3700** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.5615, 0.2773, 0.2843**, and the grayscale version is **87.7060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7790, 0.3558, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **83.4860, 0.3664, 0.3897**, and if you desaturate by 10%, it is **93.5383, 0.3309, 0.3506**.

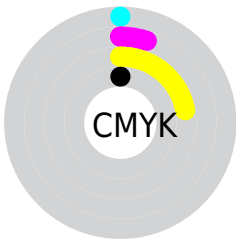
Distribution



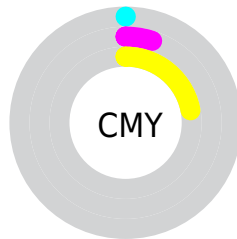
- Red (100%)
- Green (95%)
- Blue (78%)



- Red (86%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3407, 0.3481, 0.3700 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 88.3407, 0.3481, 0.3700 by changing the saturation by 10% instead.


 88.3407, 0.3481,
0.3700

 88.3407, 0.3481,
0.3700


522.6183, 0.3324,
0.3517

 66.6053, 0.3515,
0.3740

145.0314, 0.3428,
0.3638

 48.7639, 0.3557,
0.3789


180.7554, 0.3407,
0.3613

 34.4322, 0.3608,
0.3850


221.9111, 0.3388,
0.3592

 23.2258, 0.3673,
0.3927

268.8829, 0.3372,
0.3573

 14.7604, 0.3758,
0.4028

322.0551, 0.3358,
0.3556

 8.6514, 0.3872,
0.4165

381.8121, 0.3345,

 4.5145, 0.4030,

0.3542

0.4359

448.5384, 0.3334,
0.3529

■ 1.9653, 0.4387,
0.4787

■ 0.5872, 0.4688,
0.5312

■ 88.3407, 0.3481,
0.3700

■ 88.3407, 0.3481,
0.3700

■ 83.4860, 0.3664,
0.3897

■ 93.5383, 0.3309,
0.3506

■ 78.9510, 0.3854,
0.4088

■ 99.0774, 0.3151,
0.3318

■ 74.7276, 0.4045,
0.4266

■ 99.9950, 0.3127,
0.3290

■ 70.8026, 0.4230,
0.4419

■ 67.1614, 0.4400,
0.4537

■ 63.7873, 0.4546,
0.4610

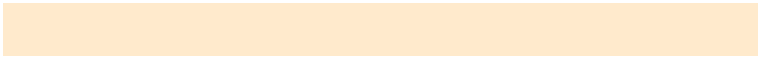
■ 60.6606, 0.4662,
0.4633

■ 58.1911, 0.4739,
0.4619

Harmonies

Analogous

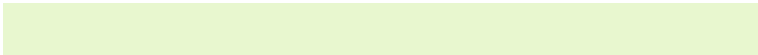
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3407, 0.3601, 0.3575



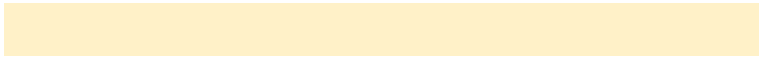
88.3407, 0.3481, 0.3700



88.3407, 0.3268, 0.3714

Triad

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



88.3407, 0.3481, 0.3700



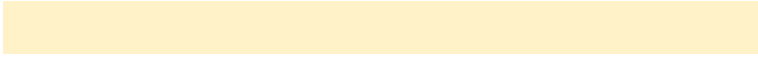
88.3407, 0.2686, 0.3167



88.3407, 0.3219, 0.3006

Complementary

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



88.3407, 0.3481, 0.3700



67.5615, 0.2773, 0.2843

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.



88.3407, 0.2973, 0.2902



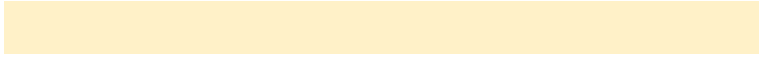
88.3407, 0.3481, 0.3700



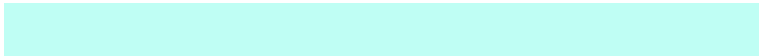
88.3407, 0.2674, 0.2984

Square

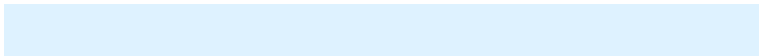
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3407, 0.3481, 0.3700



88.3407, 0.2812, 0.3396



88.3407, 0.2777, 0.2892



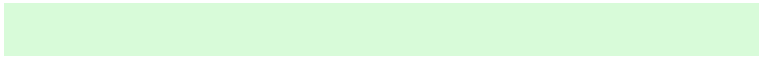
88.3407, 0.3447, 0.3179

Rectangle

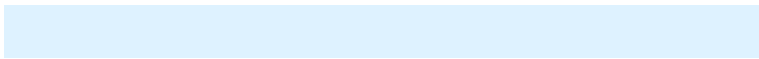
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3407, 0.3481, 0.3700



88.3407, 0.3104, 0.3652



88.3407, 0.2777, 0.2892



88.3407, 0.3136, 0.2962

Sweetspot

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



88.3447, 0.3481, 0.3700



96.6005, 0.3219, 0.3400



67.4464, 0.3451, 0.3141



20.5989, 0.3230, 0.3413



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

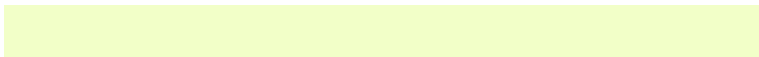
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3447, 0.3481, 0.3700



86.1696, 0.3561, 0.3787



94.5752, 0.3368, 0.3845



20.2640, 0.3275, 0.3466



30.6649, 0.4728, 0.4628



3.1604, 0.4653, 0.4687

Inverse Universe

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



67.5615, 0.2773, 0.2843



61.9168, 0.2693, 0.2737



62.6403, 0.2849, 0.2701



18.1270, 0.2979, 0.3107



5.9315, 0.1581, 0.0892



0.7433, 0.1639, 0.1102

Previews

White Background



This preview shows how the Yxy color 88.3407, 0.3481, 0.3700 looks on a white background.

Color Contrast Check

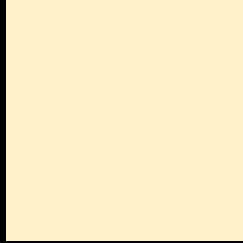
Large Text (above 18pt) WCAG AA × Fail

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 88.3407, 0.3481, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

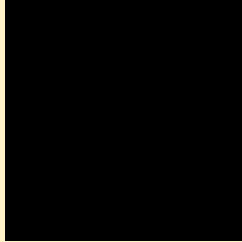
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.3407, 0.3481, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 88.3407, 0.3481, 0.3700.



This preview shows how white text looks on a background with the Yxy color 88.3407, 0.3481, 0.3700.

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

88.3407, 0.3481, 0.3700

Protanopia

88.3407, 0.3481, 0.3700

Deuteranopia

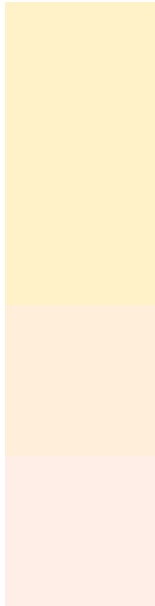
88.0662, 0.3298, 0.3379



Tritanopia

88.0905, 0.3173, 0.3164

Trichromacy



Original Color

88.3407, 0.3481, 0.3700

Protanomaly

88.3407, 0.3481, 0.3700

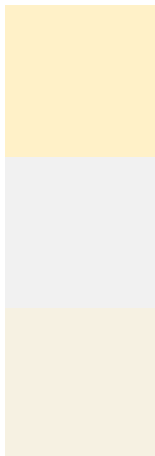
Deuteranomaly

88.0550, 0.3368, 0.3499

Tritanomaly

88.1786, 0.3285, 0.3359

Monochromacy



Original Color

88.3407, 0.3481, 0.3700

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.9944, 0.3253, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3407, 0.3481, 0.3700 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 200) }
```

Border

The CSS property to change the border of an element to Yxy 88.3407, 0.3481, 0.3700 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, 200) }
```

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

```
.border{ border-color:rgb(255, 241, 200) }
```

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, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3407, 0.3481, 0.3700 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
241, 200) }
```

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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