

Converting Colors

$Yxy(88.5031, 0.3349, 0.3603)$

Have a look what the booklet for
Yxy(88.5031, 0.3349, 0.3603)
contains.

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Color

Yxy(88.6288, 0.3346, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	F7F3D4
RGB	247, 243, 212
RGB Percent	97%, 95%, 83%
CMY	0.0311, 0.0471, 0.1687
CMYK	0.00, 0.02, 0.14, 0.03
HSL	53°, 69%, 90%
HSV	53°, 14%, 97%
XYZ	82.3070, 88.6288, 75.0504
YIQ	240.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

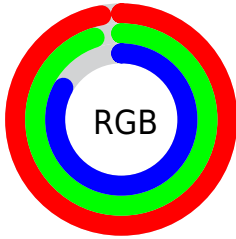
Format	Color
RYB	217, 247, 212
Decimal	16249812
CIELab	95.43, -3.70, 15.44
CIELCh	95, 15.880, 103.474
Yxy	88.6288, 0.3346, 0.3603
Android (android.graphics.Color)	4294439892 (0xFFFF7F3D4)
YUV	240.6620, -14.1304, 5.5584
Hunter-Lab	94.1429, -8.6916, 18.6342

Details

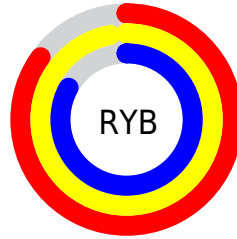
The Yxy color **88.6288, 0.3346, 0.3603** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.8606, 0.2900, 0.2956**, and the grayscale version is **87.7975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9221, 0.3391, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **85.7758, 0.3509, 0.3830**, and if you desaturate by 10%, it is **91.7073, 0.3190, 0.3381**.

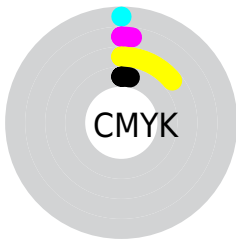
Distribution



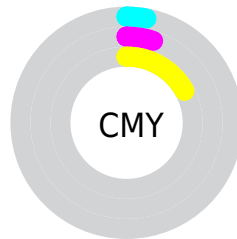
- Red (97%)
- Green (95%)
- Blue (83%)



- Red (85%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.6288, 0.3346, 0.3603 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 88.6288, 0.3346, 0.3603 by changing the saturation by 10% instead.

 88.6288, 0.3346,
0.3603

 88.6288, 0.3346,
0.3603

523.5602, 0.3249,
0.3462

 66.8439, 0.3367,
0.3634

145.4323, 0.3313,
0.3555

 48.9578, 0.3393,
0.3672


181.2197, 0.3300,
0.3536

 34.5860, 0.3425,
0.3720


222.4434, 0.3289,
0.3520

 23.3442, 0.3465,
0.3781

269.4878, 0.3279,
0.3505

 14.8478, 0.3518,
0.3861

322.7373, 0.3270,
0.3493

 8.7127, 0.3590,
0.3973

382.5762, 0.3262,

 4.5542, 0.3693,

0.3481

0.4138

449.3891, 0.3255,
0.3471

■ 1.9882, 0.3859,
0.4411

■ 0.6006, 0.4445,
0.5555

■ 88.6288, 0.3346,
0.3603

■ 88.6288, 0.3346,
0.3603

■ 85.7758, 0.3509,
0.3830

■ 91.7073, 0.3190,
0.3381

■ 83.1277, 0.3674,
0.4056

■ 94.5882, 0.3080,
0.3229

■ 80.6790, 0.3837,
0.4271

■ 96.3731, 0.3079,
0.3257

■ 78.4195, 0.3991,
0.4465

■ 98.1852, 0.3078,
0.3285

76.3379, 0.4129,
0.4629

98.5253, 0.3078,
0.3290

74.4214, 0.4244,
0.4754

72.6554, 0.4332,
0.4835

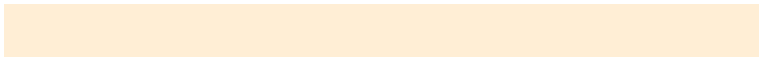
71.0217, 0.4393,
0.4870

70.1187, 0.4418,
0.4874

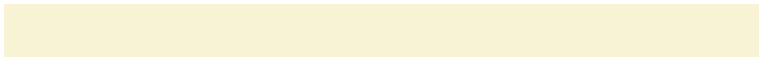
Harmonies

Analogous

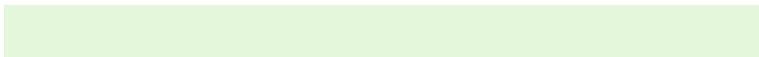
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6288, 0.3457, 0.3537



88.6288, 0.3346, 0.3603



88.6288, 0.3178, 0.3582

Triad

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



88.6288, 0.3346, 0.3603



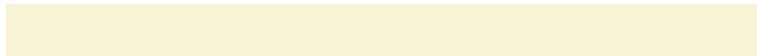
88.6288, 0.2788, 0.3156



88.6288, 0.3250, 0.3114

Complementary

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



88.6288, 0.3346, 0.3603



69.8606, 0.2900, 0.2956

Split Complementary

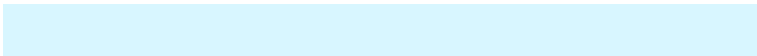
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6288, 0.3069, 0.3018



88.6288, 0.3346, 0.3603



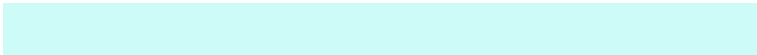
88.6288, 0.2806, 0.3037

Square

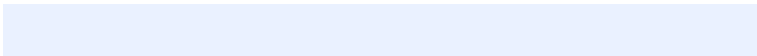
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



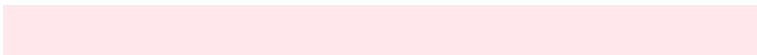
88.6288, 0.3346, 0.3603



88.6288, 0.2858, 0.3317



88.6288, 0.2907, 0.2989



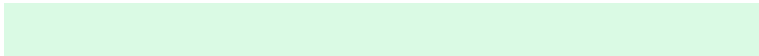
88.6288, 0.3402, 0.3255

Rectangle

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



88.6288, 0.3346, 0.3603



88.6288, 0.3057, 0.3520



88.6288, 0.2907, 0.2989



88.6288, 0.3191, 0.3076

Sweetspot

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



88.6327, 0.3346, 0.3603



98.6068, 0.3187, 0.3377



71.8309, 0.3361, 0.3248



21.0508, 0.3199, 0.3393



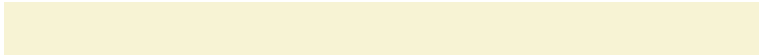
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

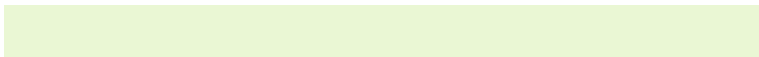
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6327, 0.3346, 0.3603



94.3454, 0.3392, 0.3667



88.7401, 0.3250, 0.3652



18.9656, 0.3271, 0.3497



37.1990, 0.4413, 0.4878



3.3607, 0.4382, 0.4903

Inverse Universe

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



69.8606, 0.2900, 0.2956



70.6284, 0.2850, 0.2883



69.8803, 0.2991, 0.2922



16.2366, 0.2979, 0.3074



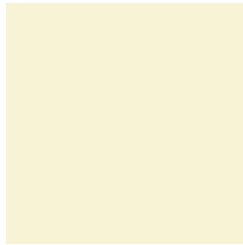
4.1110, 0.1523, 0.0684



0.4600, 0.1568, 0.0844

Previews

White Background



This preview shows how the Yxy color 88.6288, 0.3346, 0.3603 looks on a white background.

Color Contrast Check

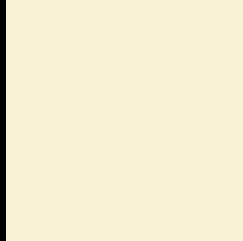
Large Text (above 18pt) WCAG AA × Fail

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 88.6288, 0.3346, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

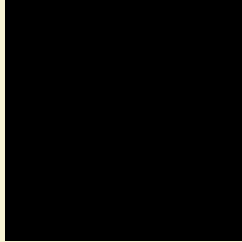
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

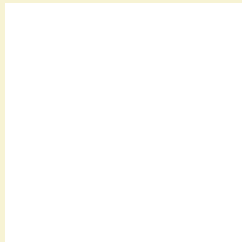
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.6288, 0.3346, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 88.6288, 0.3346, 0.3603.

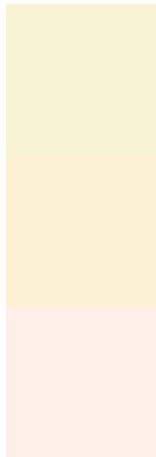


This preview shows how white text looks on a background with the Yxy color 88.6288, 0.3346, 0.3603.

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

88.6288, 0.3346, 0.3603

Protanopia

88.4964, 0.3396, 0.3590

Deuteranopia

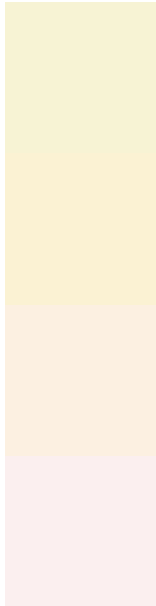
88.8192, 0.3278, 0.3359



Tritanopia

88.6710, 0.3122, 0.3116

Trichromacy



Original Color

88.6288, 0.3346, 0.3603

Protanomaly

88.7166, 0.3381, 0.3601

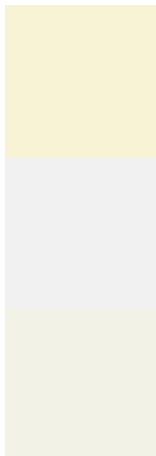
Deuteranomaly

88.4519, 0.3301, 0.3439

Tritanomaly

88.4742, 0.3207, 0.3290

Monochromacy



Original Color

88.6288, 0.3346, 0.3603

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.2721, 0.3207, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6288, 0.3346, 0.3603 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(247, 243, 212)` looks like.

```
.text, #text, p{  
    color:rgb(247, 243, 212)  
}
```

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(247, 243, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 243, 212) }
```

Border

The CSS property to change the border of an element to Yxy 88.6288, 0.3346, 0.3603 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(247, 243, 212) }
```

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

```
.border{ border-color:rgb(247, 243, 212) }
```

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

Here you see how a box with a 4 pixel rgb(247, 243, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 243, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 243, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 243,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6288, 0.3346, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 243, 212) }
```

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

```
.background{ background-color: rgb(247,  
243, 212) }
```

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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