

Converting Colors

Yxy(89.4203, 0.3390, 0.3641)

Have a look what the booklet for
Yxy(89.4203, 0.3390, 0.3641)
contains.

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Color

Yxy(89.6288, 0.3384, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	FAF4D1
RGB	250, 244, 209
RGB Percent	98%, 96%, 82%
CMY	0.0193, 0.0432, 0.1804
CMYK	0.00, 0.02, 0.16, 0.02
HSL	51°, 81%, 90%
HSV	51°, 16%, 98%
XYZ	83.3024, 89.6288, 73.2342
YIQ	241.8040, 14.8110, -9.6130

Conversions

Conversions Part 2

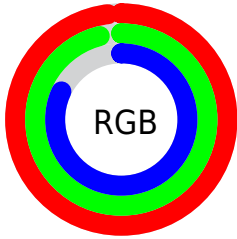
Format	Color
R _Y B	216, 250, 209
Decimal	16446673
CIE Lab	95.84, -3.59, 17.60
CIE LCh	96, 17.961, 101.518
Yxy	89.6288, 0.3384, 0.3641
Android (android.graphics.Color)	4294636753 (0xFFFAF4D1)
YUV	241.8040, -16.1724, 7.1879
Hunter-Lab	94.6725, -8.6147, 20.4068

Details

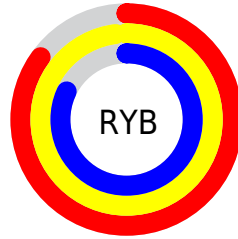
The Yxy color **89.6288, 0.3384, 0.3641** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.1101, 0.2861, 0.2913**, and the grayscale version is **88.7611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.6370, 0.3439, 0.3727** is the 20% darker color. If you saturate the color by 10%, you get **86.2822, 0.3551, 0.3861**, and if you desaturate by 10%, it is **93.2226, 0.3224, 0.3425**.

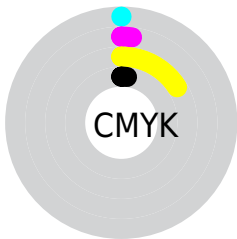
Distribution



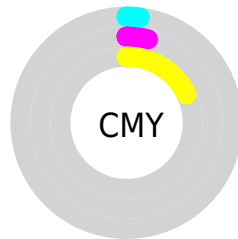
- Red (98%)
- Green (96%)
- Blue (82%)



- Red (85%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.6288, 0.3384, 0.3641 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 89.6288, 0.3384, 0.3641 by changing the saturation by 10% instead.


 89.6288, 0.3384,
0.3641

 89.6288, 0.3384,
0.3641

526.8226, 0.3270,
0.3484

 67.6728, 0.3409,
0.3676


146.8227, 0.3346,
0.3587

 49.6316, 0.3439,
0.3718


182.8293, 0.3330,
0.3566

 35.1208, 0.3476,
0.3771


224.2884, 0.3317,
0.3548

 23.7559, 0.3523,
0.3838

271.5842, 0.3305,
0.3532

 15.1527, 0.3584,
0.3927

325.1011, 0.3295,
0.3518

 8.9266, 0.3667,
0.4050

385.2235, 0.3286,

 4.6933, 0.3783,

0.3505

0.4228

452.3359, 0.3278,
0.3494

■ 2.0685, 0.3979,
0.4533

■ 0.6468, 0.4491,
0.5509

■ 89.6288, 0.3384,
0.3641

■ 89.6288, 0.3384,
0.3641

■ 86.2822, 0.3551,
0.3861

■ 93.2226, 0.3224,
0.3425

■ 83.1616, 0.3721,
0.4079

■ 96.7987, 0.3098,
0.3255

■ 80.2609, 0.3889,
0.4285

■ 99.0768, 0.3097,
0.3290

■ 77.5692, 0.4049,
0.4469

■ 75.0744, 0.4192,
0.4621

■ 72.7630, 0.4312,
0.4733

■ 70.6188, 0.4405,
0.4799

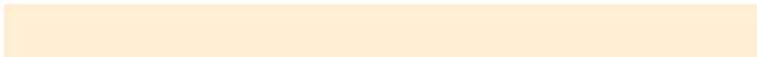
■ 68.6222, 0.4468,
0.4819

■ 67.9325, 0.4487,
0.4819

Harmonies

Analogous

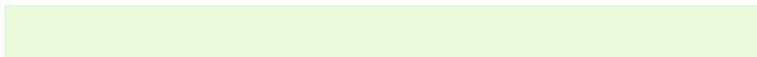
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6288, 0.3504, 0.3559



89.6288, 0.3384, 0.3641



89.6288, 0.3197, 0.3625

Triad

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



89.6288, 0.3384, 0.3641



89.6288, 0.2749, 0.3148



89.6288, 0.3253, 0.3084

Complementary

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



89.6288, 0.3384, 0.3641



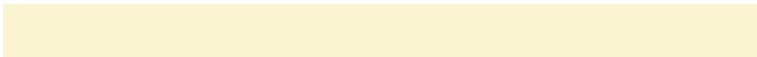
69.1101, 0.2861, 0.2913

Split Complementary

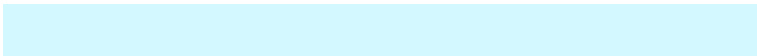
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6288, 0.3048, 0.2980



89.6288, 0.3384, 0.3641



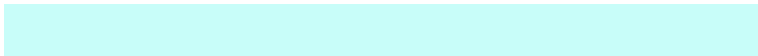
89.6288, 0.2762, 0.3011

Square

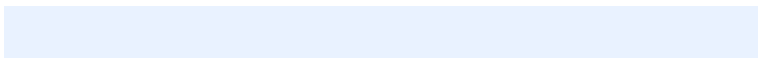
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.6288, 0.3384, 0.3641



89.6288, 0.2833, 0.3332



89.6288, 0.2869, 0.2953



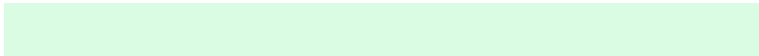
89.6288, 0.3428, 0.3239

Rectangle

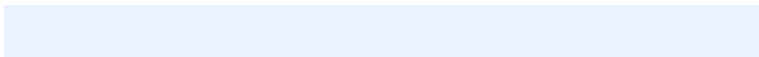
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.6288, 0.3384, 0.3641



89.6288, 0.3061, 0.3558



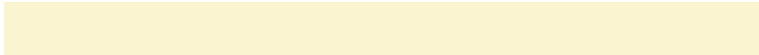
89.6288, 0.2869, 0.2953



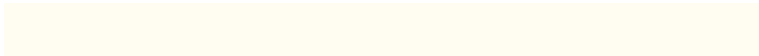
89.6288, 0.3185, 0.3042

Sweetspot

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



89.6328, 0.3384, 0.3641



98.0063, 0.3203, 0.3395



70.8558, 0.3395, 0.3227



20.9185, 0.3213, 0.3409



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.



89.6328, 0.3384, 0.3641



92.4124, 0.3443, 0.3720



90.7992, 0.3279, 0.3712



19.7266, 0.3273, 0.3490



36.1790, 0.4481, 0.4824



3.4662, 0.4441, 0.4855

Inverse Universe

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



69.1101, 0.2861, 0.2913



66.9232, 0.2797, 0.2820



68.2588, 0.2957, 0.2858



17.0580, 0.2979, 0.3081



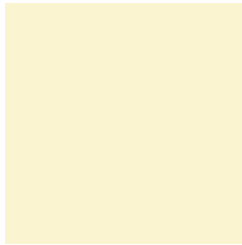
4.4898, 0.1533, 0.0720



0.5359, 0.1582, 0.0896

Previews

White Background



This preview shows how the Yxy color 89.6288, 0.3384, 0.3641 looks on a white background.

Color Contrast Check

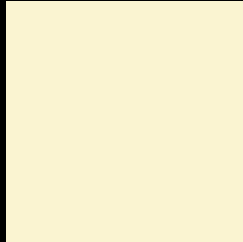
Large Text (above 18pt) WCAG AA × Fail

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 89.6288, 0.3384, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

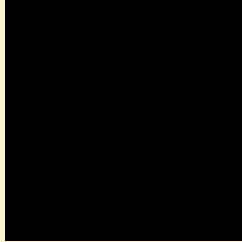
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.6288, 0.3384, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 89.6288, 0.3384, 0.3641.



This preview shows how white text looks on a background with the Yxy color 89.6288, 0.3384, 0.3641.

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

89.6288, 0.3384, 0.3641

Protanopia

89.3677, 0.3421, 0.3618

Deuteranopia

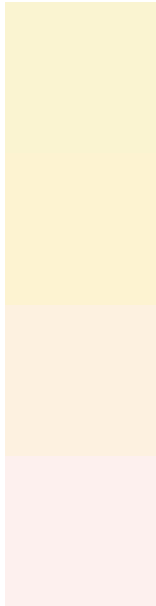
89.4634, 0.3271, 0.3359



Tritanopia

89.6291, 0.3135, 0.3127

Trichromacy



Original Color

89.6288, 0.3384, 0.3641

Protanomaly

89.5873, 0.3406, 0.3629

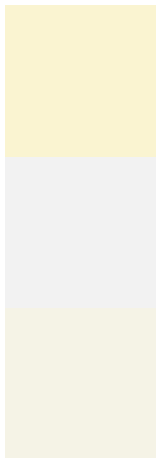
Deuteranomaly

89.1751, 0.3313, 0.3459

Tritanomaly

89.3759, 0.3226, 0.3310

Monochromacy



Original Color

89.6288, 0.3384, 0.3641

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.2268, 0.3220, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6288, 0.3384, 0.3641 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(250, 244, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 244, 209)  
}
```

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(250, 244, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 244, 209) }
```

Border

The CSS property to change the border of an element to Yxy 89.6288, 0.3384, 0.3641 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(250, 244, 209) }
```

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

```
.border{ border-color:rgb(250, 244, 209) }
```

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

Here you see how a box with a 4 pixel rgb(250, 244, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 244, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 244, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 244,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6288, 0.3384, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 244, 209) }
```

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

```
.background{ background-color: rgb(250,  
244, 209) }
```

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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