

Converting Colors

$Yxy(89.8400, 0.3590, 0.4012)$

Have a look what the booklet for
Yxy(89.8400, 0.3590, 0.4012)
contains.

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Color

Yxy(89.9407, 0.3590, 0.4014)

Conversions

Conversions Part 1

Format	Color
Hex	FAF7AF
RGB	250, 247, 175
RGB Percent	98%, 97%, 69%
CMY	0.0194, 0.0314, 0.3137
CMYK	0.00, 0.01, 0.30, 0.02
HSL	58°, 88%, 83%
HSV	58°, 30%, 98%
XYZ	80.4402, 89.9407, 53.6866
YIQ	239.6890, 24.9000, -21.7560

Conversions

Conversions Part 2

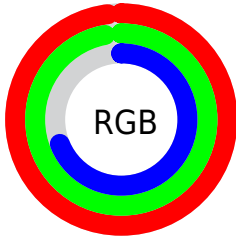
Format	Color
RYB	178, 250, 175
Decimal	16447407
CIELab	95.97, -9.69, 35.05
CIELCh	96, 36.367, 105.451
Yxy	89.9407, 0.3590, 0.4014
Android (android.graphics.Color)	4294637487 (0xFFFAF7AF)
YUV	239.6890, -31.8917, 9.0427
Hunter-Lab	94.8371, -14.5622, 32.8223

Details

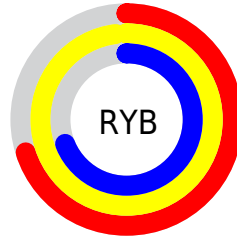
The Yxy color **89.9407, 0.3590, 0.4014** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **47.8994, 0.2598, 0.2446**, and the grayscale version is **87.1307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **50.0042, 0.3682, 0.4171** is the 20% darker color. If you saturate the color by 10%, you get **88.4267, 0.3742, 0.4248**, and if you desaturate by 10%, it is **91.6482, 0.3433, 0.3771**.

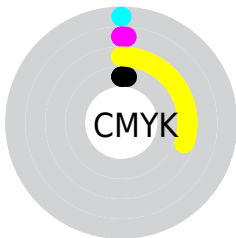
Distribution



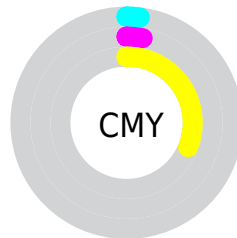
- Red (98%)
- Green (97%)
- Blue (69%)



- Red (70%)
- Yellow (98%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)
- Black (2%)




- Cyan (2%)
- Magenta (3%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9407, 0.3590, 0.4014 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 89.9407, 0.3590, 0.4014 by changing the saturation by 10% instead.


 89.9407, 0.3590,
0.4014

 89.9407, 0.3590,
0.4014

527.8379, 0.3390,
0.3689

 67.9315, 0.3632,
0.4085


 147.2560, 0.3524,
0.3903

 49.8420, 0.3681,
0.4172


183.3309, 0.3497,
0.3860

 35.2879, 0.3741,
0.4278


224.8631, 0.3474,
0.3822

 23.8847, 0.3813,
0.4412

272.2370, 0.3453,
0.3788

 15.2481, 0.3901,
0.4585

325.8371, 0.3435,
0.3759

 8.9937, 0.4006,
0.4812


386.0477, 0.3418,


 4.7371, 0.4134,


0.3733

0.5130

453.2531, 0.3403,
0.3710


 2.0938, 0.4330,
0.5670


 0.6612, 0.3721,
0.6279

 89.9407, 0.3590,
0.4014


 89.9407, 0.3590,
0.4014


 88.4267, 0.3742,
0.4248


 91.6482, 0.3433,
0.3771


 87.0841, 0.3885,
0.4464


 93.5462, 0.3278,
0.3527

 85.9056, 0.4010,
0.4651


 95.6476, 0.3127,
0.3290


 84.8792, 0.4113,
0.4800


 96.6015, 0.3098,
0.3252


 83.9906, 0.4191,
0.4907


 97.2433, 0.3098,
0.3262

 83.2231, 0.4241,
0.4969

 97.8886, 0.3097,
0.3272

 82.5495, 0.4268,
0.4993

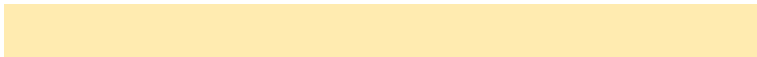
 98.5373, 0.3097,
0.3282

 99.0751, 0.3097,
0.3290

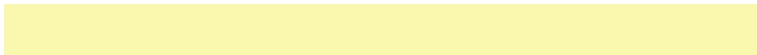
Harmonies

Analogous

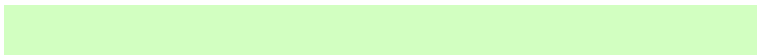
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9407, 0.3866, 0.3845



89.9407, 0.3590, 0.4014



89.9407, 0.3200, 0.3973

Triad

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



89.9407, 0.3590, 0.4014



89.9407, 0.2378, 0.2944



89.9407, 0.3428, 0.2920

Complementary

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



89.9407, 0.3590, 0.4014



47.8994, 0.2598, 0.2446

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.



89.9407, 0.3012, 0.2709



89.9407, 0.3590, 0.4014



89.9407, 0.2428, 0.2705

Square

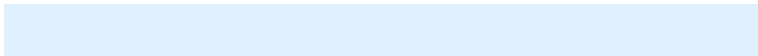
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.9407, 0.3590, 0.4014



89.9407, 0.2511, 0.3312



89.9407, 0.2651, 0.2628



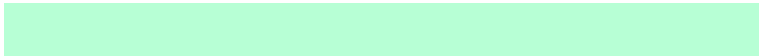
89.9407, 0.3777, 0.3220

Rectangle

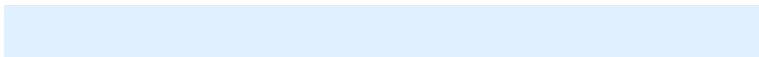
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.9407, 0.3590, 0.4014



89.9407, 0.2931, 0.3816



89.9407, 0.2651, 0.2628



89.9407, 0.3290, 0.2837

Sweetspot

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



89.9448, 0.3590, 0.4014



98.0109, 0.3262, 0.3503



54.2478, 0.3770, 0.3252



20.9130, 0.3285, 0.3538



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

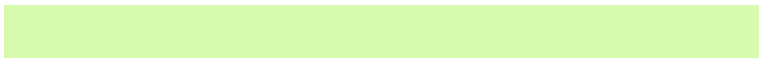
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9448, 0.3590, 0.4014



93.0564, 0.3683, 0.4157



86.1479, 0.3350, 0.4103



20.0616, 0.3270, 0.3515



43.8172, 0.4266, 0.4994



4.0950, 0.4257, 0.5002

Inverse Universe

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



47.8994, 0.2598, 0.2446



42.6501, 0.2474, 0.2245



51.0975, 0.2840, 0.2466



16.7569, 0.2979, 0.3055



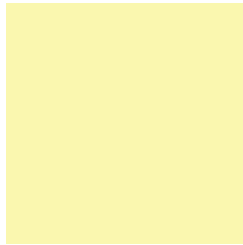
3.8289, 0.1507, 0.0625



0.3935, 0.1524, 0.0685

Previews

White Background



This preview shows how the Yxy color 89.9407, 0.3590, 0.4014 looks on a white background.

Color Contrast Check

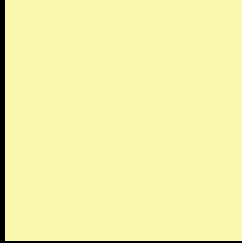
Large Text (above 18pt) WCAG AA × Fail

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 89.9407, 0.3590, 0.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

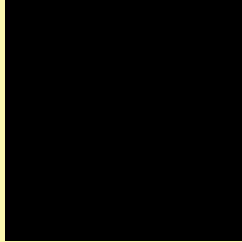
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.9407, 0.3590, 0.4014

Background



This preview shows how black text looks on a background with the Yxy color 89.9407, 0.3590, 0.4014.

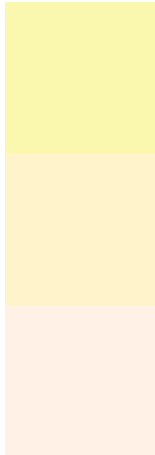


This preview shows how white text looks on a background with the Yxy color 89.9407, 0.3590, 0.4014.

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

89.9407, 0.3590, 0.4014

Protanopia

89.7208, 0.3452, 0.3678

Deuteranopia

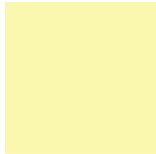
89.8838, 0.3289, 0.3398



Tritanopia

90.0213, 0.3153, 0.3165

Trichromacy



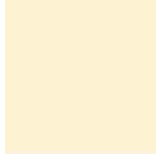
Original Color

89.9407, 0.3590, 0.4014



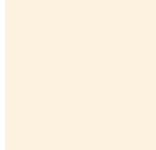
Protanomaly

89.4343, 0.3506, 0.3801



Deuteranomaly

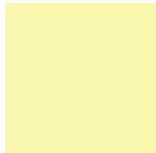
89.6370, 0.3399, 0.3619



Tritanomaly

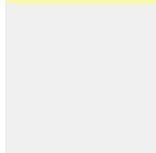
89.7687, 0.3312, 0.3468

Monochromacy



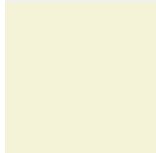
Original Color

89.9407, 0.3590, 0.4014



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.2921, 0.3300, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9407, 0.3590, 0.4014 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, 247, 175)` looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 175)  
}
```

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, 247, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 175) }
```

Border

The CSS property to change the border of an element to Yxy 89.9407, 0.3590, 0.4014 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, 247, 175) }
```

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

```
.border{ border-color:rgb(250, 247, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 247, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 175);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9407, 0.3590, 0.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 247, 175) }
```

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

```
.background{ background-color: rgb(250,  
247, 175) }
```

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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