

Converting Colors

$Yxy(89.4643, 0.3582, 0.4039)$

Have a look what the booklet for
Yxy(89.4643, 0.3582, 0.4039)
contains.

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Color

Yxy(89.3128, 0.3581, 0.4040)

Conversions

Conversions Part 1

Format	Color
Hex	F7F7AD
RGB	247, 247, 173
RGB Percent	97%, 97%, 68%
CMY	0.0313, 0.0314, 0.3216
CMYK	0.00, 0.00, 0.30, 0.03
HSL	60°, 82%, 82%
HSV	60°, 30%, 97%
XYZ	79.1656, 89.3128, 52.5929
YIQ	238.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

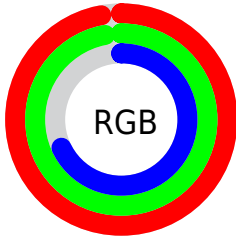
Format	Color
R _Y B	173, 247, 173
Decimal	16250797
CIE Lab	95.71, -11.07, 35.68
CIE LCh	96, 37.362, 107.242
Yxy	89.3128, 0.3581, 0.4040
Android (android.graphics.Color)	4294440877 (0xFFFF7F7AD)
YUV	238.5640, -32.3231, 7.3984
Hunter-Lab	94.5054, -15.8581, 33.1586

Details

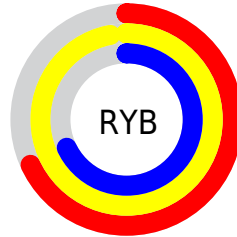
The Yxy color **89.3128, 0.3581, 0.4040** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **45.4885, 0.2595, 0.2411**, and the grayscale version is **86.2056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **49.5648, 0.3670, 0.4205** is the 20% darker color. If you saturate the color by 10%, you get **88.4431, 0.3727, 0.4281**, and if you desaturate by 10%, it is **90.3673, 0.3429, 0.3789**.

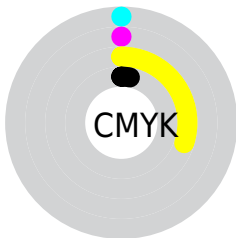
Distribution



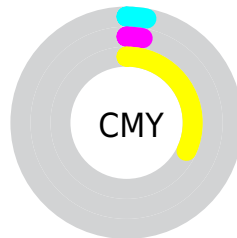
- Red (97%)
- Green (97%)
- Blue (68%)



- Red (68%)
- Yellow (97%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)





- Cyan (3%)
- Magenta (3%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.3128, 0.3581, 0.4040 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 89.3128, 0.3581, 0.4040 by changing the saturation by 10% instead.


 89.3128, 0.3581,
0.4040

 89.3128, 0.3581,
0.4040


525.7929, 0.3386,
0.3702

 67.4108, 0.3622,
0.4114


 146.3835, 0.3516,
0.3925

 49.4186, 0.3670,
0.4205


182.3210, 0.3490,
0.3879

 34.9516, 0.3727,
0.4316


223.7057, 0.3467,
0.3840

 23.6256, 0.3797,
0.4456

270.9222, 0.3447,
0.3805

 15.0561, 0.3880,
0.4638

324.3548, 0.3429,
0.3775

 8.8588, 0.3978,
0.4877

384.3878, 0.3413,

 4.6492, 0.4100,

0.3748

0.5221

451.4057, 0.3399,
0.3723

■ 2.0429, 0.4245,
0.5755

■ 0.6322, 0.3433,
0.6567

■ 89.3128, 0.3581,
0.4040

■ 89.3128, 0.3581,
0.4040

■ 88.4431, 0.3727,
0.4281

■ 90.3673, 0.3429,
0.3789

■ 87.7365, 0.3861,
0.4502


■ 91.6036, 0.3276,
0.3536

■ 87.1861, 0.3976,
0.4693

■ 93.0340, 0.3127,
0.3289

■ 86.7802, 0.4069,
0.4846


■ 93.5372, 0.3080,
0.3213


 86.5049, 0.4136,
0.4956


 93.5414, 0.3080,
0.3213


 86.3441, 0.4176,
0.5022


 93.5457, 0.3080,
0.3213

 86.2708, 0.4194,
0.5052

 93.5499, 0.3080,
0.3213

 86.2707, 0.4194,
0.5052

 93.5541, 0.3080,
0.3213

 93.5583, 0.3080,
0.3213

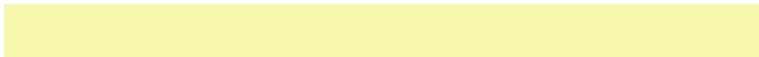
Harmonies

Analogous

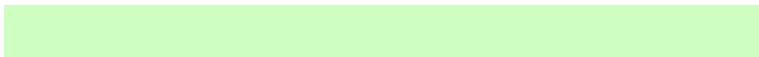
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3128, 0.3876, 0.3875



89.3128, 0.3581, 0.4040



89.3128, 0.3176, 0.3984

Triad

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



89.3128, 0.3581, 0.4040



89.3128, 0.2355, 0.2914



89.3128, 0.3461, 0.2926

Complementary

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



89.3128, 0.3581, 0.4040



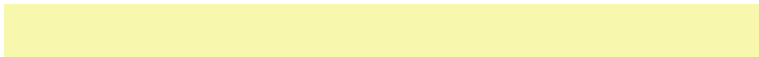
45.4885, 0.2595, 0.2411

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.



89.3128, 0.3033, 0.2702



89.3128, 0.3581, 0.4040



89.3128, 0.2417, 0.2678

Square

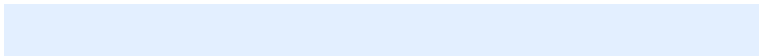
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.3128, 0.3581, 0.4040



89.3128, 0.2480, 0.3287



89.3128, 0.2656, 0.2611



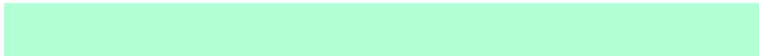
89.3128, 0.3812, 0.3237

Rectangle

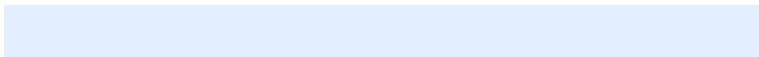
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.3128, 0.3581, 0.4040



89.3128, 0.2901, 0.3813



89.3128, 0.2656, 0.2611



89.3128, 0.3320, 0.2839

Sweetspot

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



89.3168, 0.3581, 0.4040



98.6049, 0.3261, 0.3512



52.7240, 0.3791, 0.3279



21.0607, 0.3284, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

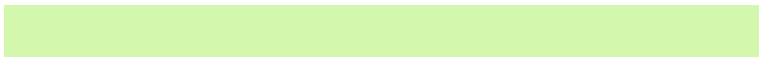
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3168, 0.3581, 0.4040



95.4151, 0.3671, 0.4189



83.4353, 0.3333, 0.4105



19.3128, 0.3269, 0.3524



45.6170, 0.4194, 0.5052



4.0095, 0.4194, 0.5052

Inverse Universe

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



45.4885, 0.2595, 0.2411



41.3023, 0.2467, 0.2200



50.1197, 0.2859, 0.2472



15.9275, 0.2979, 0.3045



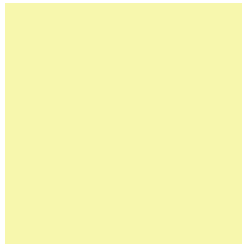
3.5527, 0.1500, 0.0600



0.3125, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 89.3128, 0.3581, 0.4040 looks on a white background.

Color Contrast Check

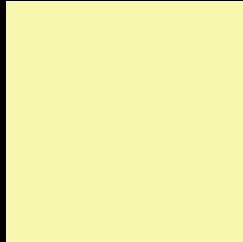
Large Text (above 18pt) WCAG AA × Fail

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 89.3128, 0.3581, 0.4040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

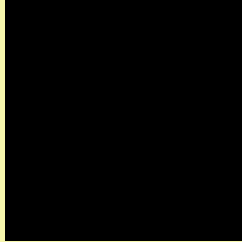
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.3128, 0.3581, 0.4040

Background



This preview shows how black text looks on a background with the Yxy color 89.3128, 0.3581, 0.4040.

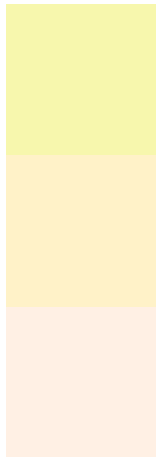


This preview shows how white text looks on a background with the Yxy color 89.3128, 0.3581, 0.4040.

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

89.3128, 0.3581, 0.4040

Protanopia

88.9344, 0.3479, 0.3709

Deuteranopia

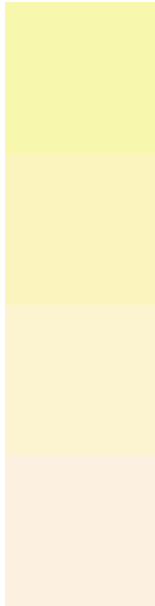
89.1816, 0.3302, 0.3409



Tritanopia

88.9202, 0.3148, 0.3136

Trichromacy



Original Color

89.3128, 0.3581, 0.4040

Protanomaly

89.1145, 0.3518, 0.3833

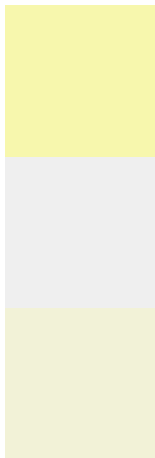
Deuteranomaly

89.3507, 0.3405, 0.3640

Tritanomaly

88.9879, 0.3306, 0.3459

Monochromacy



Original Color

89.3128, 0.3581, 0.4040

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.2878, 0.3294, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3128, 0.3581, 0.4040 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, 247, 173)` looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 173)  
}
```

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, 247, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 173) }
```

Border

The CSS property to change the border of an element to Yxy 89.3128, 0.3581, 0.4040 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, 247, 173) }
```

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

```
.border{ border-color:rgb(247, 247, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 247, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 173);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3128, 0.3581, 0.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 173) }
```

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

```
.background{ background-color: rgb(247,  
247, 173) }
```

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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