

Converting Colors

$Yxy(89.1148, 0.3290, 0.3601)$

Have a look what the booklet for
Yxy(89.1148, 0.3290, 0.3601)
contains.

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Color

Yxy(89.0884, 0.3290, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	F2F5D7
RGB	242, 245, 215
RGB Percent	95%, 96%, 84%
CMY	0.0511, 0.0392, 0.1568
CMYK	0.01, 0.00, 0.12, 0.04
HSL	66°, 60%, 90%
HSV	66°, 12%, 96%
XYZ	81.5301, 89.0884, 77.1934
YIQ	240.6830, 7.8420, -9.9660

Conversions

Conversions Part 2

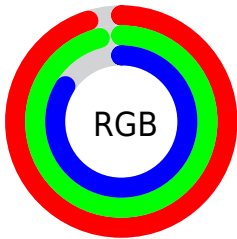
Format	Color
R _Y B	215, 245, 218
Decimal	15922647
CIE Lab	95.62, -6.03, 14.11
CIE LCh	96, 15.344, 113.152
Yxy	89.0884, 0.3290, 0.3595
Android (android.graphics.Color)	4294112727 (0xFFFF2F5D7)
YUV	240.6830, -12.6617, 1.1550
Hunter-Lab	94.3867, -10.9903, 17.5808

Details

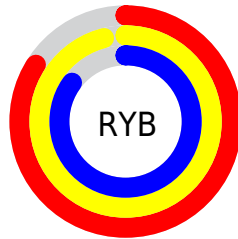
The Yxy color **89.0884, 0.3290, 0.3595** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.1116, 0.2953, 0.2970**, and the grayscale version is **87.7977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3724, 0.3328, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **87.4895, 0.3425, 0.3853**, and if you desaturate by 10%, it is **90.8897, 0.3157, 0.3345**.

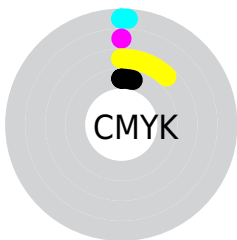
Distribution



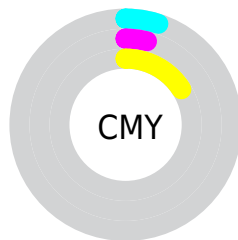
- Red (95%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)





- Cyan (5%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.0884, 0.3290, 0.3595 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 89.0884, 0.3290, 0.3595 by changing the saturation by 10% instead.

 89.0884, 0.3290,
0.3595

 89.0884, 0.3290,
0.3595


525.0610, 0.3218,
0.3457

 67.2248, 0.3306,
0.3626


146.0715, 0.3266,
0.3548

 49.2674, 0.3325,
0.3663

181.9598, 0.3256,
0.3529

 34.8316, 0.3348,
0.3710


223.2918, 0.3248,
0.3513

 23.5332, 0.3377,
0.3770

270.4519, 0.3240,
0.3499

 14.9877, 0.3416,
0.3850

323.8244, 0.3234,
0.3487

 8.8108, 0.3468,
0.3962

383.7939, 0.3228,

 4.6180, 0.3541,

0.3476

0.4128

450.7446, 0.3223,
0.3466

■ 2.0249, 0.3652,
0.4401

■ 0.6219, 0.4164,
0.5836

■ 89.0884, 0.3290,
0.3595

■ 89.0884, 0.3290,
0.3595

■ 87.4895, 0.3425,
0.3853

■ 90.8897, 0.3157,
0.3345

■ 86.0728, 0.3558,
0.4112

■ 92.2955, 0.3080,
0.3193

■ 84.8334, 0.3683,
0.4363


■ 92.7495, 0.3096,
0.3193

■ 83.7614, 0.3794,
0.4595

■ 93.2095, 0.3112,
0.3194


 82.8460, 0.3887,
0.4799


 93.6755, 0.3128,
0.3194

 82.0752, 0.3956,
0.4964

 93.7928, 0.3132,
0.3195

 81.4352, 0.3998,
0.5085

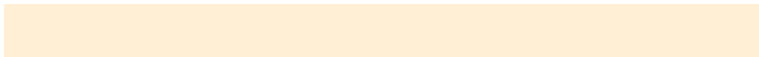
 80.9091, 0.4015,
0.5161

 80.5598, 0.4013,
0.5195

Harmonies

Analogous

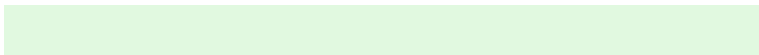
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0884, 0.3419, 0.3557



89.0884, 0.3290, 0.3595



89.0884, 0.3119, 0.3547

Triad

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



89.0884, 0.3290, 0.3595



89.0884, 0.2796, 0.3117



89.0884, 0.3299, 0.3161

Complementary

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



89.0884, 0.3290, 0.3595



70.1116, 0.2953, 0.2970

Split Complementary

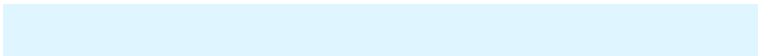
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.0884, 0.3128, 0.3051



89.0884, 0.3290, 0.3595



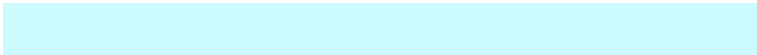
89.0884, 0.2841, 0.3023

Square

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



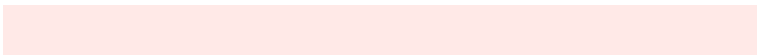
89.0884, 0.3290, 0.3595



89.0884, 0.2837, 0.3264



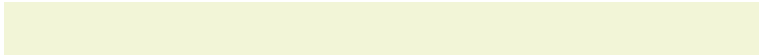
89.0884, 0.2960, 0.3000



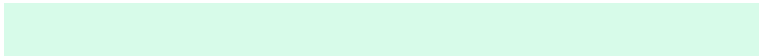
89.0884, 0.3425, 0.3305

Rectangle

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



89.0884, 0.3290, 0.3595



89.0884, 0.3006, 0.3471



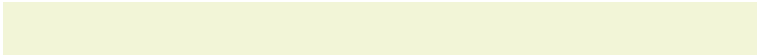
89.0884, 0.2960, 0.3000



89.0884, 0.3244, 0.3119

Sweetspot

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



89.0923, 0.3290, 0.3595



99.1650, 0.3180, 0.3388



74.4693, 0.3345, 0.3322



21.1926, 0.3190, 0.3407



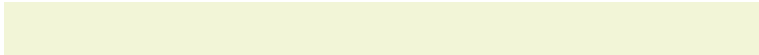
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



89.0923, 0.3290, 0.3595



97.0495, 0.3328, 0.3666



86.5522, 0.3190, 0.3605



19.2233, 0.3253, 0.3525



43.4291, 0.4016, 0.5193



3.8411, 0.4040, 0.5174

Inverse Universe

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



70.1116, 0.2953, 0.2970



72.0300, 0.2909, 0.2890



72.5244, 0.3057, 0.2980



16.0070, 0.2995, 0.3046



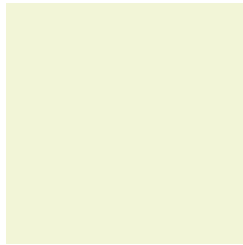
3.6885, 0.1534, 0.0619



0.3505, 0.1607, 0.0659

Previews

White Background



This preview shows how the Yxy color 89.0884, 0.3290, 0.3595 looks on a white background.

Color Contrast Check

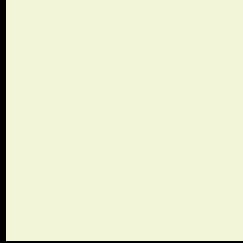
Large Text (above 18pt) WCAG AA × Fail

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 89.0884, 0.3290, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

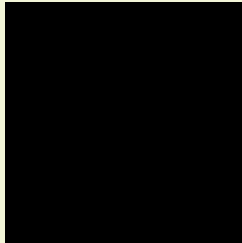
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

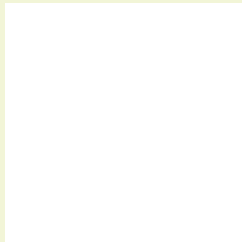
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0884, 0.3290, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 89.0884, 0.3290, 0.3595.

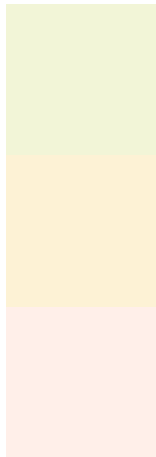


This preview shows how white text looks on a background with the Yxy color 89.0884, 0.3290, 0.3595.

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

89.0884, 0.3290, 0.3595

Protanopia

89.1910, 0.3382, 0.3579

Deuteranopia

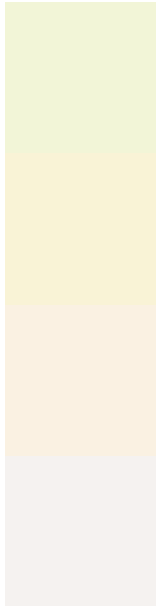
88.8762, 0.3272, 0.3349



Tritanopia

89.3143, 0.3082, 0.3144

Trichromacy



Original Color

89.0884, 0.3290, 0.3595

Protanomaly

89.0960, 0.3347, 0.3581

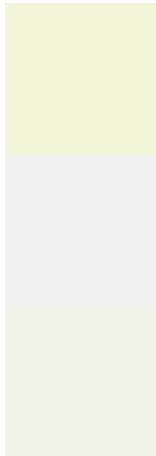
Deuteranomaly

88.7256, 0.3280, 0.3440

Tritanomaly

89.2080, 0.3159, 0.3310

Monochromacy



Original Color

89.0884, 0.3290, 0.3595

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.0312, 0.3181, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0884, 0.3290, 0.3595 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(242, 245, 215)` looks like.

```
.text, #text, p{  
    color:rgb(242, 245, 215)  
}
```

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(242, 245, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 245, 215) }
```

Border

The CSS property to change the border of an element to Yxy 89.0884, 0.3290, 0.3595 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(242, 245, 215) }
```

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

```
.border{ border-color:rgb(242, 245, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 245, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 245, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 245, 215); box-shadow:4px 4px 4px 4px rgb(242, 245, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0884, 0.3290, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 245, 215) }
```

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

```
.background{ background-color: rgb(242,  
245, 215) }
```

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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