

Converting Colors

$Yxy(89.5876, 0.3282, 0.3776)$

Have a look what the booklet for
Yxy(89.5876, 0.3282, 0.3776)
contains.

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Color

Yxy(89.6719, 0.3284, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	E7FACB
RGB	231, 250, 203
RGB Percent	91%, 98%, 80%
CMY	0.0940, 0.0196, 0.2040
CMYK	0.08, 0.00, 0.19, 0.02
HSL	84°, 82%, 89%
HSV	84°, 19%, 98%
XYZ	77.9260, 89.6719, 69.6921
YIQ	238.9610, 3.7630, -18.6450

Conversions

Conversions Part 2

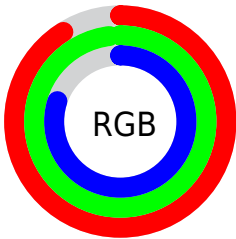
Format	Color
R _Y B	203, 250, 222
Decimal	15203019
CIE Lab	95.86, -14.19, 20.50
CIE LCh	96, 24.932, 124.682
Yxy	89.6719, 0.3284, 0.3779
Android (android.graphics.Color)	4293393099 (0xFFE7FACB)
YUV	238.9610, -17.7288, -6.9818
Hunter-Lab	94.6952, -18.8265, 22.6515

Details

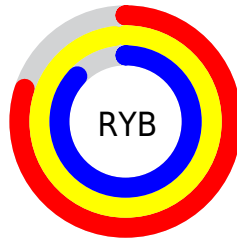
The Yxy color **89.6719, 0.3284, 0.3779** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.1305, 0.2946, 0.2792**, and the grayscale version is **86.4282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.8675, 0.3310, 0.3893** is the 20% darker color. If you saturate the color by 10%, you get **86.9478, 0.3364, 0.4062**, and if you desaturate by 10%, it is **92.6927, 0.3201, 0.3511**.

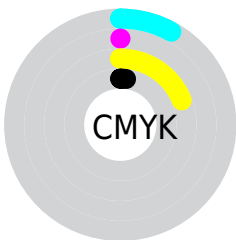
Distribution



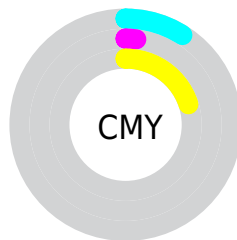
- Red (91%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (87%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.6719, 0.3284, 0.3779 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 89.6719, 0.3284, 0.3779 by changing the saturation by 10% instead.

89.6719, 0.3284,
0.3779

89.6719, 0.3284,
0.3779

526.9630, 0.3217,
0.3556

67.7086, 0.3298,
0.3829

146.8826, 0.3262,
0.3702

49.6607, 0.3315,
0.3891

182.8987, 0.3253,
0.3672

35.1438, 0.3334,
0.3968

224.3678, 0.3245,
0.3646

23.7737, 0.3359,
0.4067

271.6744, 0.3238,
0.3624

15.1658, 0.3389,
0.4201

325.2028, 0.3232,
0.3604

8.9359, 0.3426,
0.4388

385.3374, 0.3227,

4.6994, 0.3469,

0.3586

0.4666

452.4627, 0.3222,
0.3570

■ 2.0720, 0.3576,
0.5219

■ 0.6488, 0.2941,
0.7059

■ 89.6719, 0.3284,
0.3779

■ 89.6719, 0.3284,
0.3779

■ 86.9478, 0.3364,
0.4062

■ 92.6927, 0.3201,
0.3511

■ 84.4980, 0.3438,
0.4352

■ 96.0087, 0.3117,
0.3261

■ 82.3146, 0.3500,
0.4639

■ 96.8504, 0.3129,
0.3242

■ 80.3851, 0.3545,
0.4910

■ 78.6957, 0.3570,
0.5152

■ 77.2307, 0.3570,
0.5352

■ 75.9718, 0.3546,
0.5500

■ 74.8933, 0.3501,
0.5597

■ 74.7726, 0.3495,
0.5607

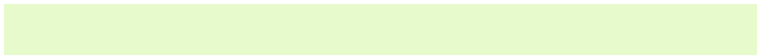
Harmonies

Analogous

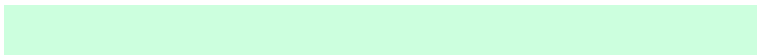
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6719, 0.3530, 0.3762



89.6719, 0.3284, 0.3779



89.6719, 0.3003, 0.3648

Triad

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



89.6719, 0.3284, 0.3779



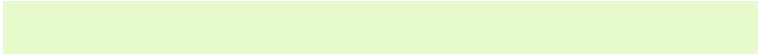
89.6719, 0.2610, 0.2936



89.6719, 0.3497, 0.3165

Complementary

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



89.6719, 0.3284, 0.3779



65.1305, 0.2946, 0.2792

Split Complementary

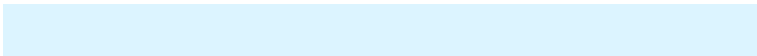
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6719, 0.3235, 0.2968



89.6719, 0.3284, 0.3779



89.6719, 0.2728, 0.2834

Square

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



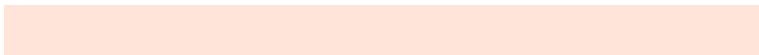
89.6719, 0.3284, 0.3779



89.6719, 0.2622, 0.3143



89.6719, 0.2953, 0.2848



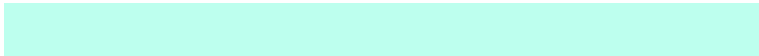
89.6719, 0.3660, 0.3398

Rectangle

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



89.6719, 0.3284, 0.3779



89.6719, 0.2835, 0.3495



89.6719, 0.2953, 0.2848



89.6719, 0.3417, 0.3093

Sweetspot

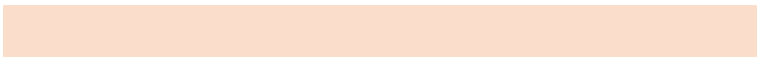
The Sweet Spot groups the original color and five complimentary colors.



89.6758, 0.3284, 0.3779



97.9014, 0.3177, 0.3439



76.7671, 0.3462, 0.3484



20.9075, 0.3183, 0.3456



0.0000, 0.0000, 0.0000



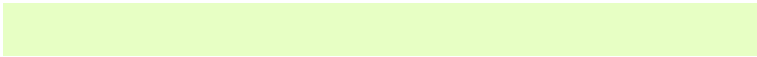
21.4041, 0.3127, 0.3290

Same Dimension

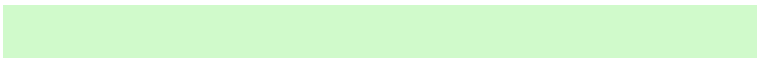
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.6758, 0.3284, 0.3779



92.5666, 0.3318, 0.3897



86.0464, 0.3132, 0.3802



19.8211, 0.3206, 0.3529



39.7483, 0.3505, 0.5599



3.7432, 0.3586, 0.5535

Inverse Universe

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



65.1305, 0.2946, 0.2792



62.0756, 0.2898, 0.2670



69.0741, 0.3115, 0.2817



16.9848, 0.3042, 0.3049



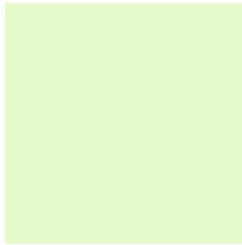
5.2031, 0.1849, 0.0792



0.5419, 0.1981, 0.0865

Previews

White Background



This preview shows how the Yxy color 89.6719, 0.3284, 0.3779 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 89.6719, 0.3284, 0.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

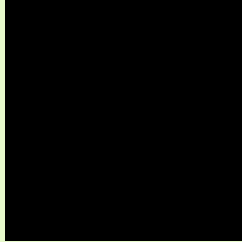
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

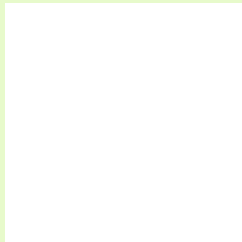
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.6719, 0.3284, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 89.6719, 0.3284, 0.3779.

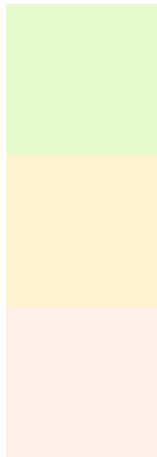


This preview shows how white text looks on a background with the Yxy color 89.6719, 0.3284, 0.3779.

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

89.6719, 0.3284, 0.3779

Protanopia

89.2205, 0.3441, 0.3649

Deuteranopia

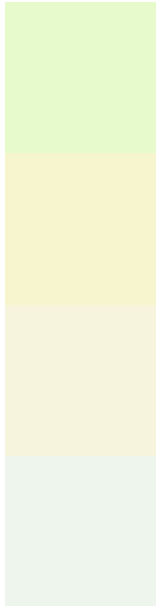
89.4064, 0.3277, 0.3369



Tritanopia

89.4250, 0.3043, 0.3162

Trichromacy



Original Color

89.6719, 0.3284, 0.3779

Protanomaly

89.3054, 0.3380, 0.3695

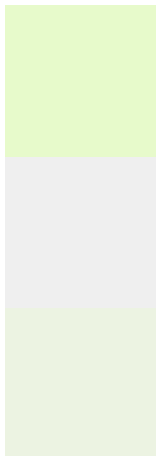
Deuteranomaly

89.5147, 0.3281, 0.3521

Tritanomaly

89.3655, 0.3129, 0.3381

Monochromacy



Original Color

89.6719, 0.3284, 0.3779

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.4250, 0.3184, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6719, 0.3284, 0.3779 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(231, 250, 203)` looks like.

```
.text, #text, p{  
    color:rgb(231, 250, 203)  
}
```

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(231, 250, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 250, 203) }
```

Border

The CSS property to change the border of an element to Yxy 89.6719, 0.3284, 0.3779 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(231, 250, 203) }
```

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

```
.border{ border-color:rgb(231, 250, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 250, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 250, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 250, 203);  
box-shadow:4px 4px 4px 4px rgb(231, 250,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6719, 0.3284, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 250, 203) }
```

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

```
.background{ background-color: rgb(231,  
250, 203) }
```

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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