

Converting Colors

$Yxy(86.0453, 0.3390, 0.3581)$

Have a look what the booklet for
Yxy(86.0453, 0.3390, 0.3581)
contains.

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Color

Yxy(86.0765, 0.3393, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	FAEED1
RGB	250, 238, 209
RGB Percent	98%, 93%, 82%
CMY	0.0196, 0.0667, 0.1803
CMYK	0.00, 0.05, 0.16, 0.02
HSL	42°, 80%, 90%
HSV	42°, 16%, 98%
XYZ	81.5120, 86.0765, 72.6473
YIQ	238.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

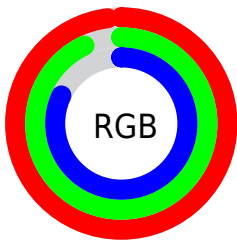
Format	Color
R _Y B	226, 250, 209
Decimal	16445137
CIE Lab	94.35, -0.58, 15.49
CIE LCh	94, 15.498, 92.160
Yxy	86.0765, 0.3393, 0.3583
Android (android.graphics.Color)	4294635217 (0xFFFAEED1)
YUV	238.2820, -14.4360, 10.2767
Hunter-Lab	92.7774, -5.5347, 18.5185

Details

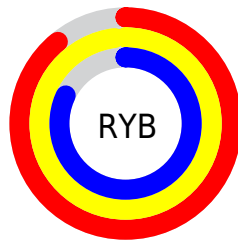
The Yxy color **86.0765, 0.3393, 0.3583** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.1867, 0.2865, 0.2979**, and the grayscale version is **85.8385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1599, 0.3445, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **80.7584, 0.3574, 0.3770**, and if you desaturate by 10%, it is **91.7702, 0.3226, 0.3402**.

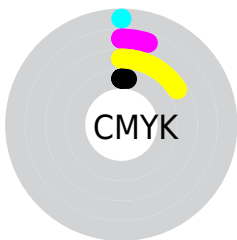
Distribution



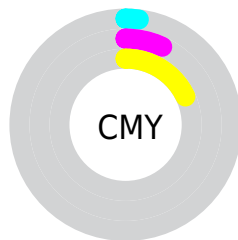
- Red (98%)
- Green (93%)
- Blue (82%)



- Red (89%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0765, 0.3393, 0.3583 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 86.0765, 0.3393, 0.3583 by changing the saturation by 10% instead.

 86.0765, 0.3393,
0.3583

 86.0765, 0.3393,
0.3583

515.1834, 0.3274,
0.3451

 64.7312, 0.3419,
0.3612


141.8762, 0.3352,
0.3538

 47.2432, 0.3451,
0.3648

177.0995, 0.3336,
0.3520

 33.2279, 0.3491,
0.3692


217.7175, 0.3322,
0.3505

 22.3011, 0.3542,
0.3749

264.1148, 0.3310,
0.3492

 14.0783, 0.3610,
0.3823

316.6756, 0.3300,
0.3480

 8.1752, 0.3702,
0.3927

375.7844, 0.3290,

 4.2072, 0.3837,

0.3469

0.4078

441.8255, 0.3281,
0.3460

■ 1.7902, 0.4079,
0.4350

■ 0.4810, 0.4794,
0.5206

■ 86.0765, 0.3393,
0.3583

■ 86.0765, 0.3393,
0.3583

■ 80.7584, 0.3574,
0.3770

■ 91.7702, 0.3226,
0.3402

■ 75.7932, 0.3767,
0.3956

■ 97.5770, 0.3097,
0.3267

■ 71.1731, 0.3967,
0.4134

■ 99.0665, 0.3096,
0.3290

■ 66.8852, 0.4168,
0.4294

■ 62.9155, 0.4361,
0.4425

■ 59.2486, 0.4536,
0.4516

■ 55.8665, 0.4686,
0.4558

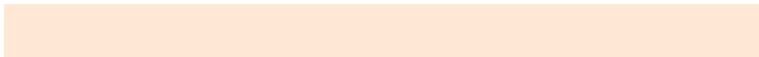
■ 52.7474, 0.4803,
0.4550

■ 51.6774, 0.4840,
0.4539

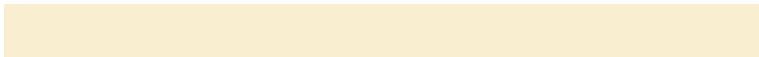
Harmonies

Analogous

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



86.0765, 0.3472, 0.3491



86.0765, 0.3393, 0.3583



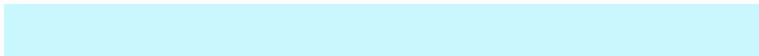
86.0765, 0.3243, 0.3596

Triad

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



86.0765, 0.3393, 0.3583



86.0765, 0.2810, 0.3215



86.0765, 0.3182, 0.3074

Complementary

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



86.0765, 0.3393, 0.3583



72.1867, 0.2865, 0.2979

Split Complementary

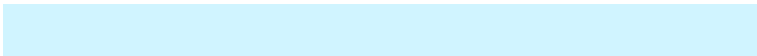
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0765, 0.3005, 0.3002



86.0765, 0.3393, 0.3583



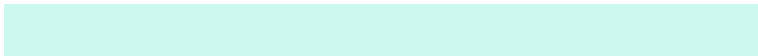
86.0765, 0.2794, 0.3078

Square

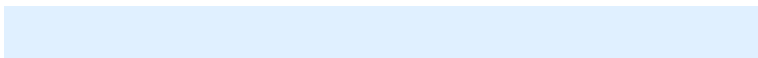
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0765, 0.3393, 0.3583



86.0765, 0.2908, 0.3379



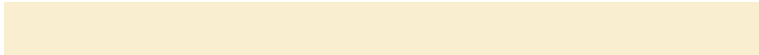
86.0765, 0.2864, 0.3002



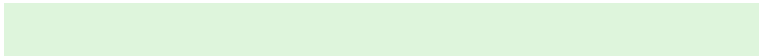
86.0765, 0.3348, 0.3200

Rectangle

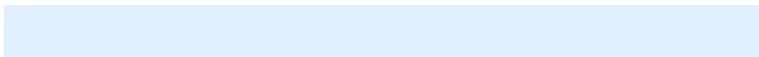
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0765, 0.3393, 0.3583



86.0765, 0.3125, 0.3555



86.0765, 0.2864, 0.3002



86.0765, 0.3121, 0.3043

Sweetspot

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



86.0803, 0.3393, 0.3583



96.8455, 0.3204, 0.3377



71.1711, 0.3349, 0.3165



20.6358, 0.3215, 0.3389



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.



86.0803, 0.3393, 0.3583



87.9738, 0.3457, 0.3650



91.8280, 0.3319, 0.3706



19.2814, 0.3276, 0.3457



27.6691, 0.4827, 0.4549



2.7459, 0.4733, 0.4624

Inverse Universe

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



72.1867, 0.2865, 0.2979



70.6903, 0.2802, 0.2902



67.2949, 0.2915, 0.2853



17.4716, 0.2979, 0.3117



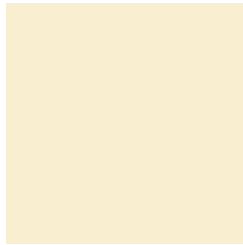
6.4207, 0.1605, 0.0979



0.7694, 0.1669, 0.1208

Previews

White Background



This preview shows how the Yxy color 86.0765, 0.3393, 0.3583 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 86.0765, 0.3393, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

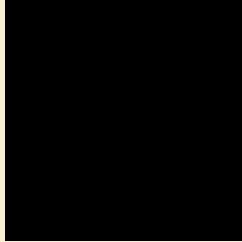
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

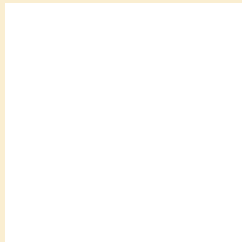
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0765, 0.3393, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 86.0765, 0.3393, 0.3583.

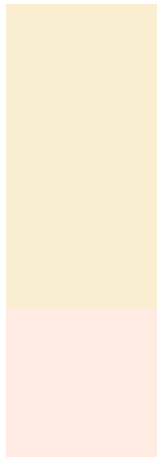


This preview shows how white text looks on a background with the Yxy color 86.0765, 0.3393, 0.3583.

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

86.0765, 0.3393, 0.3583

Protanopia

86.0765, 0.3393, 0.3583

Deuteranopia

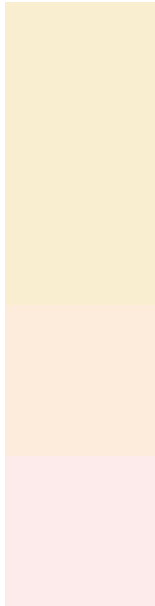
86.1676, 0.3321, 0.3380



Tritanopia

85.8754, 0.3169, 0.3115

Trichromacy



Original Color

86.0765, 0.3393, 0.3583

Protanomaly

86.0765, 0.3393, 0.3583

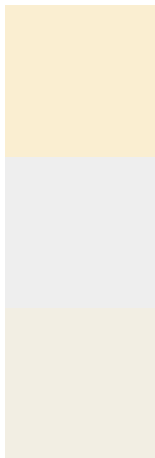
Deuteranomaly

86.0409, 0.3345, 0.3450

Tritanomaly

85.7264, 0.3250, 0.3281

Monochromacy



Original Color

86.0765, 0.3393, 0.3583

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.5724, 0.3222, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0765, 0.3393, 0.3583 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, 238, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 238, 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, 238, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 238, 209) }
```

Border

The CSS property to change the border of an element to Yxy 86.0765, 0.3393, 0.3583 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, 238, 209) }
```

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

```
.border{ border-color:rgb(250, 238, 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, 238, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 238, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 238, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 238,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0765, 0.3393, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 238, 209) }
```

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

```
.background{ background-color: rgb(250,  
238, 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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