

Converting Colors

Yxy(85.0666, 0.3304, 0.3411)

Have a look what the booklet for
Yxy(85.0666, 0.3304, 0.3411)
contains.

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Color

Yxy(85.0684, 0.3306, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	FAEBDF
RGB	250, 235, 223
RGB Percent	98%, 92%, 87%
CMY	0.0196, 0.0784, 0.1255
CMYK	0.00, 0.06, 0.11, 0.02
HSL	27°, 73%, 93%
HSV	27°, 11%, 98%
XYZ	82.4498, 85.0684, 81.8762
YIQ	238.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

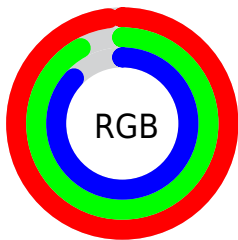
Format	Color
R_{YB}	250, 245, 223
Decimal	16444383
CIE _{Lab}	93.91, 3.09, 7.63
CIE _{LCh}	94, 8.237, 67.934
Yxy	85.0684, 0.3306, 0.3411
Android (android.graphics.Color)	4294634463 (0xFFFAEBDF)
YUV	238.1170, -7.4527, 10.4214
Hunter-Lab	92.2325, -1.8398, 11.9302

Details

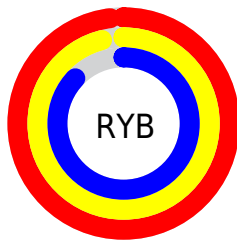
The Yxy color **85.0684, 0.3306, 0.3411** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.7241, 0.2959, 0.3166**, and the grayscale version is **85.6484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4048, 0.3342, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **76.1842, 0.3498, 0.3530**, and if you desaturate by 10%, it is **94.7789, 0.3140, 0.3299**.

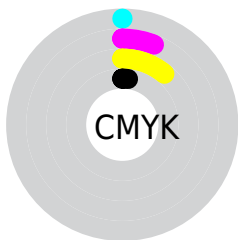
Distribution



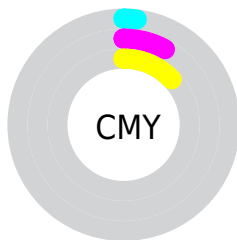
- Red (98%)
- Green (92%)
- Blue (87%)



- Red (98%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.0684, 0.3306, 0.3411 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 85.0684, 0.3306, 0.3411 by changing the saturation by 10% instead.

 85.0684, 0.3306,
0.3411

 85.0684, 0.3306,
0.3411

511.8544, 0.3225,
0.3357

 63.8979, 0.3324,
0.3423


140.4687, 0.3278,
0.3393

 46.5680, 0.3346,
0.3437

175.4674, 0.3267,
0.3385

 32.6943, 0.3374,
0.3455


215.8442, 0.3258,
0.3379

 21.8923, 0.3409,
0.3478

261.9835, 0.3250,
0.3374

 13.7778, 0.3456,
0.3509

314.2698, 0.3243,
0.3369

 7.9663, 0.3523,
0.3551

373.0875, 0.3236,

 4.0734, 0.3623,

0.3364

0.3613

438.8208, 0.3230,
0.3361

■ 1.7147, 0.3788,
0.3712

■ 0.4331, 0.5294,
0.4706

■ 85.0684, 0.3306,
0.3411

■ 85.0684, 0.3306,
0.3411

■ 76.1842, 0.3498,
0.3530

■ 94.7789, 0.3140,
0.3299

■ 68.0922, 0.3719,
0.3652

■ 99.0637, 0.3096,
0.3290

■ 60.7723, 0.3969,
0.3773

■ 54.1993, 0.4245,
0.3885

■ 48.3463, 0.4542,
0.3978

■ 43.1845, 0.4847,
0.4039

■ 38.6823, 0.5140,
0.4055

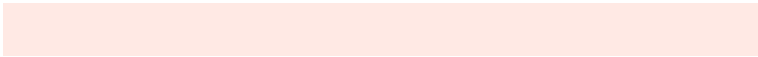
■ 34.8048, 0.5399,
0.4016

■ 31.7489, 0.5598,
0.3937

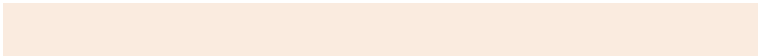
Harmonies

Analogous

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



85.0684, 0.3307, 0.3340



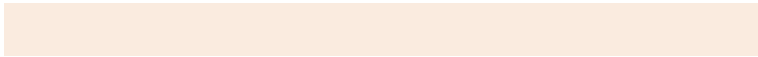
85.0684, 0.3306, 0.3411



85.0684, 0.3256, 0.3451

Triad

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



85.0684, 0.3306, 0.3411



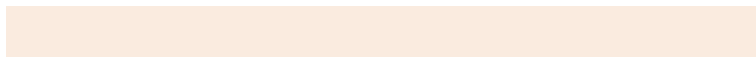
85.0684, 0.2997, 0.3321



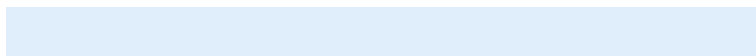
85.0684, 0.3080, 0.3139

Complementary

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



85.0684, 0.3306, 0.3411



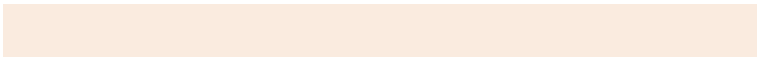
83.7241, 0.2959, 0.3166

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.



85.0684, 0.2998, 0.3132



85.0684, 0.3306, 0.3411



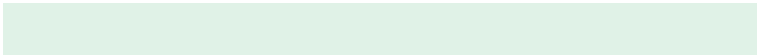
85.0684, 0.2951, 0.3236

Square

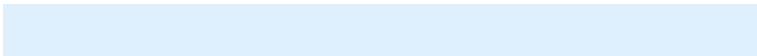
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0684, 0.3306, 0.3411



85.0684, 0.3077, 0.3399



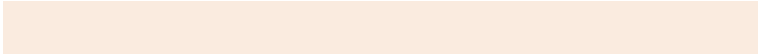
85.0684, 0.2951, 0.3167



85.0684, 0.3175, 0.3185

Rectangle

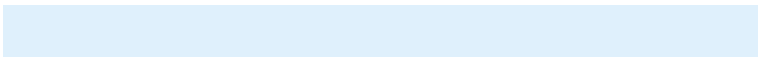
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0684, 0.3306, 0.3411



85.0684, 0.3203, 0.3454



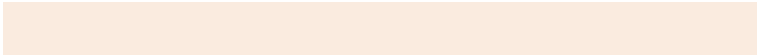
85.0684, 0.2951, 0.3167



85.0684, 0.3050, 0.3132

Sweetspot

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



85.0721, 0.3306, 0.3411



96.8381, 0.3174, 0.3323



79.2827, 0.3217, 0.3137



20.5493, 0.3187, 0.3332



0.0000, 0.0000, 0.0000



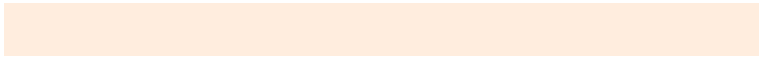
21.4041, 0.3127, 0.3290

Same Dimension

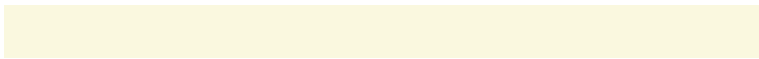
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0721, 0.3306, 0.3411



86.8645, 0.3346, 0.3437



92.9073, 0.3291, 0.3540



18.4968, 0.3283, 0.3396



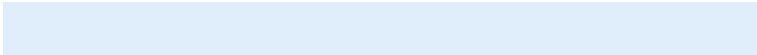
17.1177, 0.5570, 0.3959



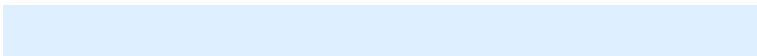
1.7932, 0.5365, 0.4122

Inverse Universe

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



83.7241, 0.2959, 0.3166



85.1917, 0.2924, 0.3139



76.3239, 0.2957, 0.3027



18.2406, 0.2980, 0.3182



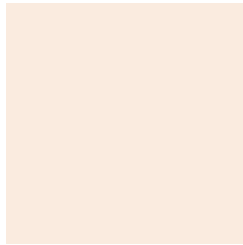
13.7078, 0.1823, 0.1763



1.4811, 0.1878, 0.1961

Previews

White Background



This preview shows how the Yxy color 85.0684, 0.3306, 0.3411 looks on a white background.

Color Contrast Check

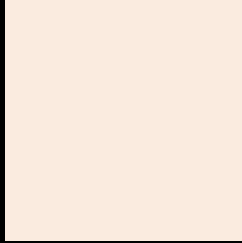
Large Text (above 18pt) WCAG AA × Fail

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 85.0684, 0.3306, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

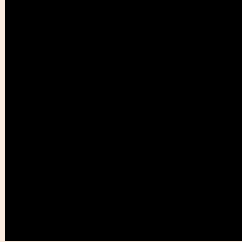
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

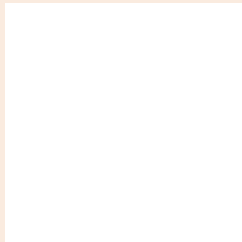
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0684, 0.3306, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 85.0684, 0.3306, 0.3411.

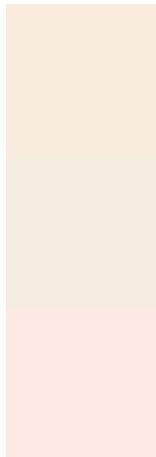


This preview shows how white text looks on a background with the Yxy color 85.0684, 0.3306, 0.3411.

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

85.0684, 0.3306, 0.3411

Protanopia

85.3627, 0.3263, 0.3422

Deuteranopia

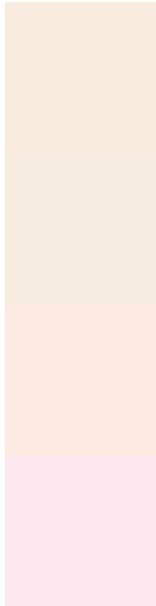
85.1950, 0.3304, 0.3330



Tritanopia

85.0622, 0.3169, 0.3115

Trichromacy



Original Color

85.0684, 0.3306, 0.3411

Protanomaly

85.1469, 0.3278, 0.3411

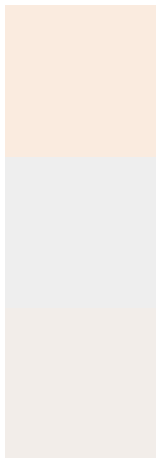
Deuteranomaly

85.2743, 0.3302, 0.3360

Tritanomaly

84.8871, 0.3219, 0.3212

Monochromacy



Original Color

85.0684, 0.3306, 0.3411

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.3288, 0.3185, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0684, 0.3306, 0.3411 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, 235, 223)` looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 223)  
}
```

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, 235, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 223) }
```

Border

The CSS property to change the border of an element to Yxy 85.0684, 0.3306, 0.3411 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, 235, 223) }
```

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

```
.border{ border-color:rgb(250, 235, 223) }
```

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

Here you see how a box with a 4 pixel rgb(250, 235, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 223);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0684, 0.3306, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 223) }
```

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

```
.background{ background-color: rgb(250,  
235, 223) }
```

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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