

Converting Colors

$Yxy(86.2186, 0.3682, 0.3994)$

Have a look what the booklet for
Yxy(86.2186, 0.3682, 0.3994)
contains.

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Color

Yxy(86.4447, 0.3683, 0.4001)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0A9
RGB	255, 240, 169
RGB Percent	100%, 94%, 66%
CMY	0.0000, 0.0589, 0.3372
CMYK	0.00, 0.06, 0.34, 0.00
HSL	50°, 100%, 83%
HSV	50°, 34%, 100%
XYZ	79.5741, 86.4447, 50.0390
YIQ	236.3910, 31.7310, -18.9010

Conversions

Conversions Part 2

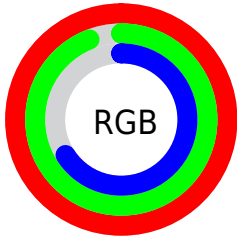
Format	Color
R_{YB}	187, 255, 169
Decimal	16773289
CIE Lab	94.50, -5.06, 36.18
CIE LCh	95, 36.532, 97.956
Yxy	86.4447, 0.3683, 0.4001
Android (android.graphics.Color)	4294963369 (0xFFFFF0A9)
YUV	236.3910, -33.2238, 16.3201
Hunter-Lab	92.9756, -9.9365, 33.1734

Details

The Yxy color **86.4447, 0.3683, 0.4001** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.9526, 0.2540, 0.2460**, and the grayscale version is **84.4351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **47.4123, 0.3796, 0.4155** is the 20% darker color. If you saturate the color by 10%, you get **82.9860, 0.3857, 0.4206**, and if you desaturate by 10%, it is **90.1473, 0.3509, 0.3787**.

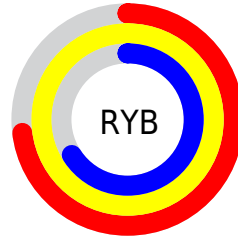
Distribution



Red (100%)

Green (94%)

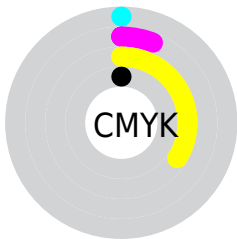
Blue (66%)



Red (73%)

Yellow (100%)

Blue (66%)

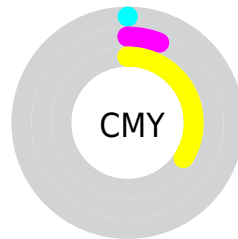


Cyan (0%)

Magenta (6%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4447, 0.3683, 0.4001 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 86.4447, 0.3683, 0.4001 by changing the saturation by 10% instead.

 86.4447, 0.3683,
0.4001

 86.4447, 0.3683,
0.4001


516.3964, 0.3439,
0.3683

 65.0358, 0.3735,
0.4070


 142.3899, 0.3601,
0.3893

 47.4901, 0.3796,
0.4154


177.6949, 0.3569,
0.3851

 33.4233, 0.3871,
0.4256


218.4008, 0.3540,
0.3813

 22.4509, 0.3962,
0.4384

264.8919, 0.3515,
0.3781

 14.1886, 0.4075,
0.4546

317.5526, 0.3493,
0.3752

 8.2519, 0.4212,
0.4755

376.7674, 0.3473,

 4.2566, 0.4418,

0.3726

0.5077

442.9205, 0.3455,
0.3703

■ 1.8181, 0.4580,
0.5420

■ 0.4984, 0.4127,
0.5873

■ 86.4447, 0.3683,
0.4001

■ 86.4447, 0.3683,
0.4001

■ 82.9860, 0.3857,
0.4206

■ 90.1473, 0.3509,
0.3787

■ 79.7706, 0.4027,
0.4393

■ 94.1150, 0.3341,
0.3573

■ 76.7824, 0.4183,
0.4552

■ 98.3540, 0.3183,
0.3365

■ 74.0075, 0.4319,
0.4671

100.0000, 0.3127,
0.3290

■ 71.4296, 0.4429,
0.4746

■ 69.0292, 0.4509,
0.4774

■ 67.5940, 0.4547,
0.4772

Harmonies

Analogous

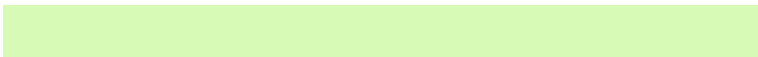
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4447, 0.3920, 0.3787



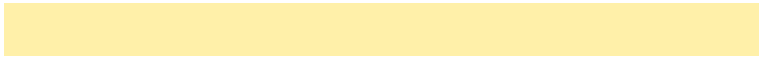
86.4447, 0.3683, 0.4001



86.4447, 0.3305, 0.4019

Triad

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



86.4447, 0.3683, 0.4001



86.4447, 0.2382, 0.3022



86.4447, 0.3328, 0.2850

Complementary

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



86.4447, 0.3683, 0.4001



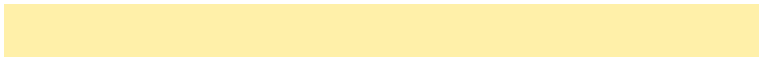
49.9526, 0.2540, 0.2460

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.



86.4447, 0.2908, 0.2665



86.4447, 0.3683, 0.4001



86.4447, 0.2386, 0.2740

Square

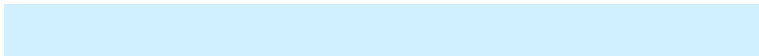
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.4447, 0.3683, 0.4001



86.4447, 0.2561, 0.3416



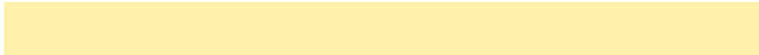
86.4447, 0.2571, 0.2621



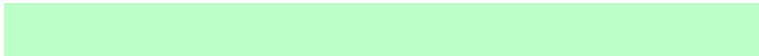
86.4447, 0.3713, 0.3136

Rectangle

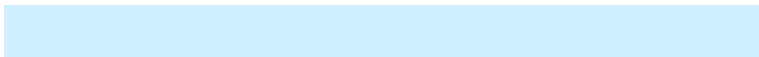
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.4447, 0.3683, 0.4001



86.4447, 0.3028, 0.3897



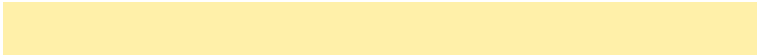
86.4447, 0.2571, 0.2621



86.4447, 0.3186, 0.2774

Sweetspot

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



86.4411, 0.3683, 0.4001



95.6578, 0.3281, 0.3495



53.1392, 0.3775, 0.3127



20.3489, 0.3304, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

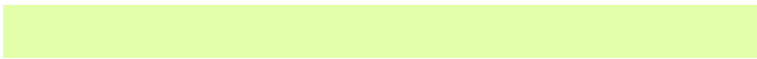
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4411, 0.3683, 0.4001



84.2411, 0.3793, 0.4132



90.8427, 0.3452, 0.4190



20.5194, 0.3273, 0.3485



35.5166, 0.4540, 0.4777



3.5935, 0.4493, 0.4814

Inverse Universe

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



49.9526, 0.2540, 0.2460



43.0446, 0.2415, 0.2274



47.3748, 0.2709, 0.2330



17.8902, 0.2979, 0.3088



4.8818, 0.1543, 0.0754



0.6096, 0.1593, 0.0934

Previews

White Background



This preview shows how the Yxy color 86.4447, 0.3683, 0.4001 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 86.4447, 0.3683, 0.4001 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 86.4447, 0.3683, 0.4001

Background



This preview shows how black text looks on a background with the Yxy color 86.4447, 0.3683, 0.4001.

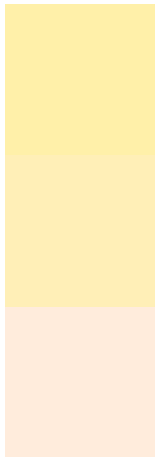


This preview shows how white text looks on a background with the Yxy color 86.4447, 0.3683, 0.4001.

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

86.4447, 0.3683, 0.4001

Protanopia

86.4119, 0.3596, 0.3853

Deuteranopia

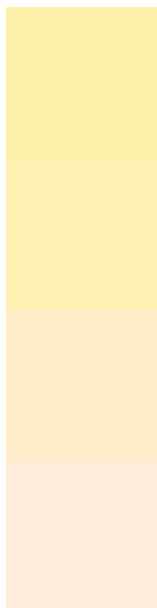
86.4182, 0.3359, 0.3449



Tritanopia

86.1304, 0.3200, 0.3173

Trichromacy



Original Color

86.4447, 0.3683, 0.4001

Protanomaly

86.2074, 0.3628, 0.3903

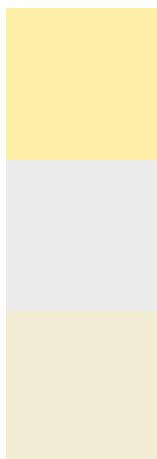
Deuteranomaly

86.0454, 0.3483, 0.3651

Tritanomaly

86.2607, 0.3379, 0.3480

Monochromacy



Original Color

86.4447, 0.3683, 0.4001

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.3765, 0.3326, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4447, 0.3683, 0.4001 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(255, 240, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 169)  
}
```

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(255, 240, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 169) }
```

Border

The CSS property to change the border of an element to Yxy 86.4447, 0.3683, 0.4001 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(255, 240, 169) }
```

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

```
.border{ border-color:rgb(255, 240, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4447, 0.3683, 0.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 169) }
```

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

```
.background{ background-color: rgb(255,  
240, 169) }
```

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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