

Converting Colors

$Yxy(86.1765, 0.3809, 0.4210)$

Have a look what the booklet for
Yxy(86.1765, 0.3809, 0.4210)
contains.

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Color

Yxy(86.3087, 0.3808, 0.4212)

Conversions

Conversions Part 1

Format	Color
Hex	FFF194
RGB	255, 241, 148
RGB Percent	100%, 95%, 58%
CMY	0.0002, 0.0548, 0.4195
CMYK	0.00, 0.05, 0.42, 0.00
HSL	52°, 100%, 79%
HSV	52°, 42%, 100%
XYZ	78.0303, 86.3087, 40.5725
YIQ	234.5840, 38.1970, -25.9550

Conversions

Conversions Part 2

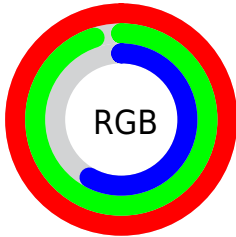
Format	Color
R _Y B	164, 255, 148
Decimal	16773524
CIE Lab	94.44, -7.87, 46.50
CIE LCh	94, 47.163, 99.611
Yxy	86.3087, 0.3808, 0.4212
Android (android.graphics.Color)	4294963604 (0xFFFFF194)
YUV	234.5840, -42.6859, 17.9048
Hunter-Lab	92.9025, -12.6543, 39.1385

Details

The Yxy color **86.3087, 0.3808, 0.4212** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.3427, 0.2367, 0.2157**, and the grayscale version is **83.0538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **47.3945, 0.3945, 0.4406** is the 20% darker color. If you saturate the color by 10%, you get **83.6423, 0.3968, 0.4410**, and if you desaturate by 10%, it is **89.1967, 0.3641, 0.3996**.

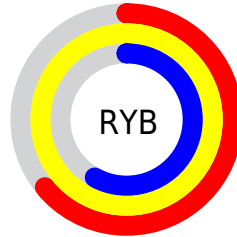
Distribution



Red (100%)

Green (95%)

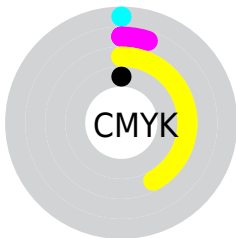
Blue (58%)



Red (64%)

Yellow (100%)

Blue (58%)

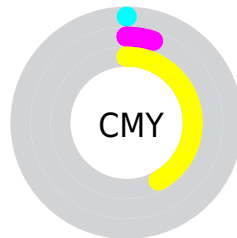


Cyan (0%)

Magenta (5%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3087, 0.3808, 0.4212 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 86.3087, 0.3808, 0.4212 by changing the saturation by 10% instead.

 86.3087, 0.3808,
0.4212

 86.3087, 0.3808,
0.4212


515.9486, 0.3515,
0.3802

 64.9233, 0.3868,
0.4300


 142.2002, 0.3712,
0.4074

 47.3989, 0.3938,
0.4405


 177.4750, 0.3673,
0.4019

 33.3511, 0.4020,
0.4531


218.1485, 0.3639,
0.3971

 22.3955, 0.4116,
0.4685

264.6049, 0.3608,
0.3929

 14.1478, 0.4225,
0.4874

317.2288, 0.3581,
0.3892

 8.2235, 0.4340,
0.5101

376.4044, 0.3557,

 4.2383, 0.4528,

0.3858

0.5472

442.5162, 0.3535,
0.3828

■ 1.8078, 0.4412,
0.5588

■ 0.4920, 0.3589,
0.6411

■ 86.3087, 0.3808,
0.4212

■ 86.3087, 0.3808,
0.4212

■ 83.6423, 0.3968,
0.4410

■ 89.1967, 0.3641,
0.3996

■ 81.1737, 0.4114,
0.4580

■ 92.3054, 0.3474,
0.3772

■ 78.8933, 0.4239,
0.4713

■ 95.6488, 0.3311,
0.3549

■ 76.7858, 0.4339,
0.4801

■ 99.2362, 0.3156,
0.3331

■ 74.8326, 0.4409,
0.4844

99.9919, 0.3127,
0.3290

■ 73.3486, 0.4448,
0.4850

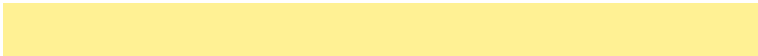
Harmonies

Analogous

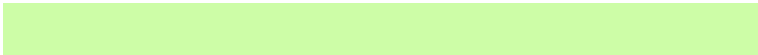
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3087, 0.4134, 0.3929



86.3087, 0.3808, 0.4212



86.3087, 0.3314, 0.4240

Triad

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



86.3087, 0.3808, 0.4212



86.3087, 0.2178, 0.2907



86.3087, 0.3412, 0.2750

Complementary

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



86.3087, 0.3808, 0.4212



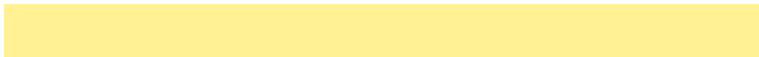
39.3427, 0.2367, 0.2157

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.



86.3087, 0.2869, 0.2512



86.3087, 0.3808, 0.4212



86.3087, 0.2198, 0.2569

Square

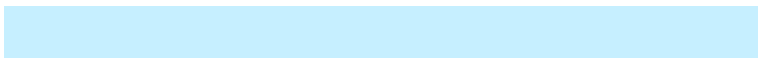
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3087, 0.3808, 0.4212



86.3087, 0.2385, 0.3416



86.3087, 0.2438, 0.2442



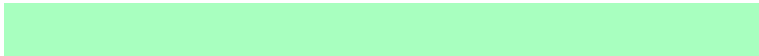
86.3087, 0.3908, 0.3109

Rectangle

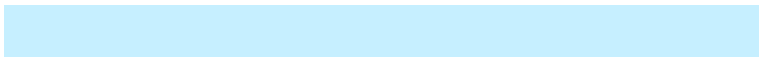
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3087, 0.3808, 0.4212



86.3087, 0.2961, 0.4072



86.3087, 0.2438, 0.2442



86.3087, 0.3227, 0.2655

Sweetspot

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



86.3127, 0.3808, 0.4212



95.3199, 0.3328, 0.3572



45.0579, 0.4071, 0.3143



20.2412, 0.3363, 0.3621



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

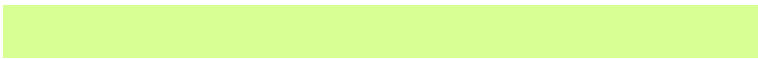
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3127, 0.3808, 0.4212



84.1767, 0.3938, 0.4374



88.1922, 0.3486, 0.4433



20.6629, 0.3272, 0.3495



38.4984, 0.4443, 0.4854



3.8561, 0.4411, 0.4880

Inverse Universe

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



39.3427, 0.2367, 0.2157



31.7530, 0.2202, 0.1897



38.9988, 0.2621, 0.2078



17.7592, 0.2979, 0.3077



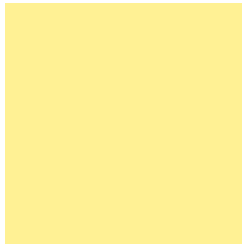
4.4648, 0.1527, 0.0697



0.5477, 0.1570, 0.0853

Previews

White Background



This preview shows how the Yxy color 86.3087, 0.3808, 0.4212 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 86.3087, 0.3808, 0.4212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

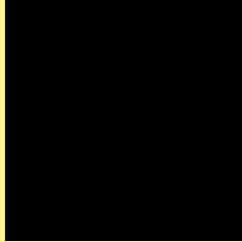
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.3087, 0.3808, 0.4212

Background



This preview shows how black text looks on a background with the Yxy color 86.3087, 0.3808, 0.4212.



This preview shows how white text looks on a background with the Yxy color 86.3087, 0.3808, 0.4212.

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

86.3087, 0.3808, 0.4212

Protanopia

86.2477, 0.3622, 0.3893

Deuteranopia

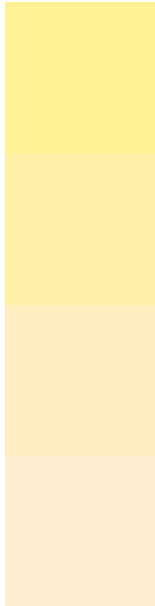
86.2607, 0.3379, 0.3480



Tritanopia

86.0695, 0.3207, 0.3183

Trichromacy



Original Color

86.3087, 0.3808, 0.4212

Protanomaly

86.4073, 0.3689, 0.4011

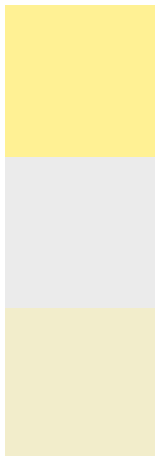
Deuteranomaly

86.2148, 0.3540, 0.3752

Tritanomaly

85.8544, 0.3432, 0.3560

Monochromacy



Original Color

86.3087, 0.3808, 0.4212

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.7574, 0.3377, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3087, 0.3808, 0.4212 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, 241, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 148)  
}
```

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, 241, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 148) }
```

Border

The CSS property to change the border of an element to Yxy 86.3087, 0.3808, 0.4212 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, 241, 148) }
```

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

```
.border{ border-color:rgb(255, 241, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3087, 0.3808, 0.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 148) }
```

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

```
.background{ background-color: rgb(255,  
241, 148) }
```

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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