

Converting Colors

$Yxy(86.7021, 0.3567, 0.3811)$

Have a look what the booklet for
Yxy(86.7021, 0.3567, 0.3811)
contains.

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Color

Yxy(86.5809, 0.3570, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFBB
RGB	255, 239, 187
RGB Percent	100%, 94%, 73%
CMY	0.0000, 0.0628, 0.2666
CMYK	0.00, 0.06, 0.27, 0.00
HSL	46°, 100%, 87%
HSV	46°, 27%, 100%
XYZ	81.0844, 86.5809, 59.4619
YIQ	237.8560, 26.2280, -12.7800

Conversions

Conversions Part 2

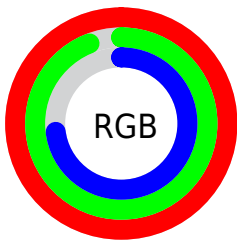
Format	Color
R _Y B	208, 255, 187
Decimal	16773051
CIE Lab	94.56, -2.34, 27.14
CIE LCh	95, 27.245, 94.935
Yxy	86.5809, 0.3570, 0.3812
Android (android.graphics.Color)	4294963131 (0xFFFFEFBB)
YUV	237.8560, -25.0720, 15.0353
Hunter-Lab	93.0489, -7.2874, 27.2455

Details

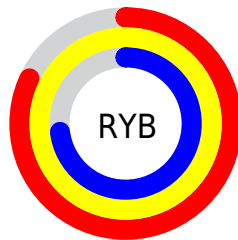
The Yxy color **86.5809, 0.3570, 0.3812** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.5099, 0.2680, 0.2707**, and the grayscale version is **85.5649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **47.5662, 0.3673, 0.3929** is the 20% darker color. If you saturate the color by 10%, you get **82.1262, 0.3754, 0.4011**, and if you desaturate by 10%, it is **91.3446, 0.3394, 0.3612**.

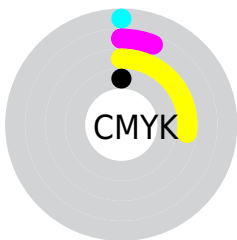
Distribution



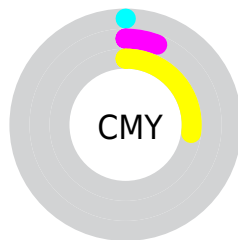
- Red (100%)
- Green (94%)
- Blue (73%)



- Red (82%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.5809, 0.3570, 0.3812 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 86.5809, 0.3570, 0.3812 by changing the saturation by 10% instead.


 86.5809, 0.3570,
0.3812

 86.5809, 0.3570,
0.3812


516.8447, 0.3373,
0.3578

 65.1484, 0.3613,
0.3863


 142.5798, 0.3503,
0.3732

 47.5815, 0.3664,
0.3926


177.9151, 0.3477,
0.3701

 33.4956, 0.3728,
0.4002


218.6534, 0.3454,
0.3674

 22.5063, 0.3807,
0.4100

265.1792, 0.3434,
0.3650

 14.2294, 0.3909,
0.4226

317.8768, 0.3416,
0.3629

 8.2804, 0.4043,
0.4394

377.1307, 0.3400,

 4.2749, 0.4222,

0.3610

0.4625

443.3252, 0.3386,
0.3593

■ 1.8285, 0.4739,
0.5261

■ 0.5048, 0.4557,
0.5443

■ 86.5809, 0.3570,
0.3812

■ 86.5809, 0.3570,
0.3812

■ 82.1262, 0.3754,
0.4011

■ 91.3446, 0.3394,
0.3612

■ 77.9717, 0.3941,
0.4201

■ 96.4303, 0.3229,
0.3416

■ 74.1041, 0.4125,
0.4370

100.0000, 0.3127,
0.3290

■ 70.5099, 0.4296,
0.4510

■ 67.1738, 0.4448,
0.4608

■ 64.0782, 0.4572,
0.4659

■ 61.2010, 0.4665,
0.4662

■ 60.2776, 0.4693,
0.4656

Harmonies

Analogous

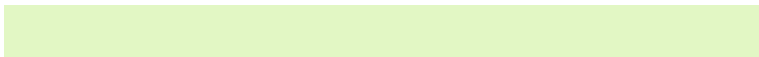
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5809, 0.3728, 0.3650



86.5809, 0.3570, 0.3812



86.5809, 0.3296, 0.3832

Triad

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



86.5809, 0.3570, 0.3812



86.5809, 0.2571, 0.3123



86.5809, 0.3248, 0.2937

Complementary

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



86.5809, 0.3570, 0.3812



60.5099, 0.2680, 0.2707

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.



86.5809, 0.2937, 0.2805



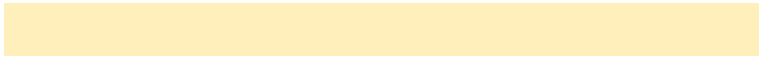
86.5809, 0.3570, 0.3812



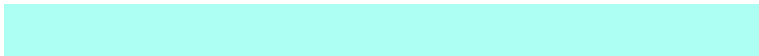
86.5809, 0.2558, 0.2897

Square

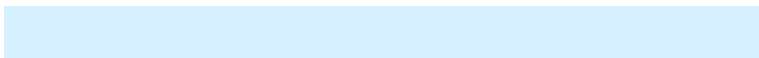
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5809, 0.3570, 0.3812



86.5809, 0.2724, 0.3417



86.5809, 0.2688, 0.2787



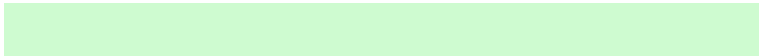
86.5809, 0.3539, 0.3153

Rectangle

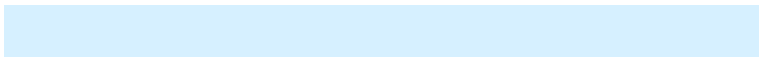
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.5809, 0.3570, 0.3812



86.5809, 0.3089, 0.3752



86.5809, 0.2688, 0.2787



86.5809, 0.3142, 0.2882

Sweetspot

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



86.5801, 0.3570, 0.3812



95.7292, 0.3251, 0.3442



61.1695, 0.3561, 0.3115



20.3232, 0.3275, 0.3471



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

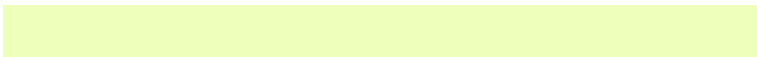
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.5801, 0.3570, 0.3812



84.1633, 0.3667, 0.3919



93.2867, 0.3417, 0.3985



20.3232, 0.3275, 0.3471



31.7372, 0.4683, 0.4664



3.2568, 0.4615, 0.4718

Inverse Universe

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



60.5099, 0.2680, 0.2707



54.1172, 0.2580, 0.2569



55.6086, 0.2780, 0.2545



18.0717, 0.2979, 0.3103



5.6510, 0.1571, 0.0856



0.7092, 0.1628, 0.1060

Previews

White Background



This preview shows how the Yxy color 86.5809, 0.3570, 0.3812 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 86.5809, 0.3570, 0.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

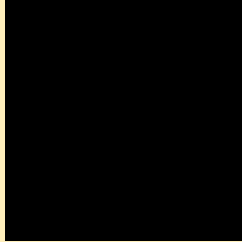
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.5809, 0.3570, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 86.5809, 0.3570, 0.3812.



This preview shows how white text looks on a background with the Yxy color 86.5809, 0.3570, 0.3812.

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

86.5809, 0.3570, 0.3812

Protanopia

86.5809, 0.3570, 0.3812

Deuteranopia

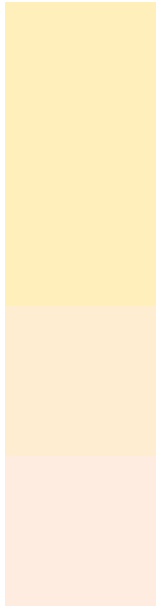
86.5786, 0.3339, 0.3419



Tritanopia

86.7595, 0.3193, 0.3173

Trichromacy



Original Color

86.5809, 0.3570, 0.3812

Protanomaly

86.5809, 0.3570, 0.3812

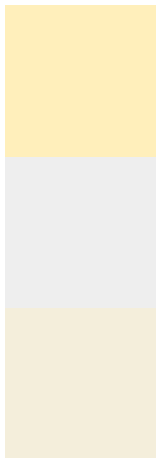
Deuteranomaly

86.4815, 0.3423, 0.3560

Tritanomaly

86.6871, 0.3326, 0.3399

Monochromacy



Original Color

86.5809, 0.3570, 0.3812

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.4966, 0.3287, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5809, 0.3570, 0.3812 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, 239, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 187)  
}
```

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, 239, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 187) }
```

Border

The CSS property to change the border of an element to Yxy 86.5809, 0.3570, 0.3812 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, 239, 187) }
```

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

```
.border{ border-color:rgb(255, 239, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5809, 0.3570, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 187) }
```

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

```
.background{ background-color: rgb(255,  
239, 187) }
```

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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