

Converting Colors

Yxy(86.7248, 0.3399, 0.3617)

Have a look what the booklet for
Yxy(86.7248, 0.3399, 0.3617)
contains.

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Color

Yxy(86.3777, 0.3397, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	F9EFCF
RGB	249, 239, 207
RGB Percent	98%, 94%, 81%
CMY	0.0236, 0.0627, 0.1881
CMYK	0.00, 0.04, 0.17, 0.02
HSL	46°, 78%, 89%
HSV	46°, 17%, 98%
XYZ	81.1912, 86.3777, 71.4397
YIQ	238.3420, 16.2320, -7.8320

Conversions

Conversions Part 2

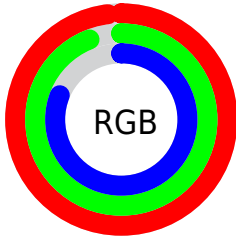
Format	Color
R _Y B	220, 249, 207
Decimal	16379855
CIE Lab	94.47, -1.76, 16.68
CIE LCh	94, 16.775, 96.031
Yxy	86.3777, 0.3397, 0.3614
Android (android.graphics.Color)	4294569935 (0xFFF9EFCF)
YUV	238.3420, -15.4516, 9.3471
Hunter-Lab	92.9396, -6.7083, 19.4834

Details

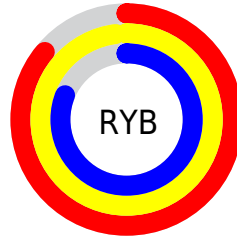
The Yxy color **86.3777, 0.3397, 0.3614** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **69.7261, 0.2856, 0.2944**, and the grayscale version is **85.8926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3733, 0.3451, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **81.8521, 0.3573, 0.3814**, and if you desaturate by 10%, it is **91.2163, 0.3232, 0.3419**.

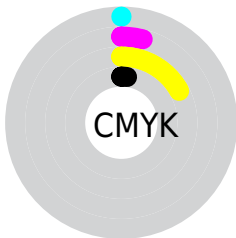
Distribution



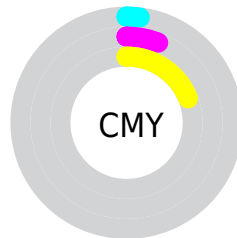
- Red (98%)
- Green (94%)
- Blue (81%)



- Red (86%)
- Yellow (98%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.3777, 0.3397, 0.3614 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 86.3777, 0.3397, 0.3614 by changing the saturation by 10% instead.

86.3777, 0.3397,
0.3614

86.3777, 0.3397,
0.3614

516.1758, 0.3276,
0.3468

64.9803, 0.3424,
0.3646

142.2964, 0.3356,
0.3564

47.4451, 0.3456,
0.3686

177.5866, 0.3340,
0.3545

33.3877, 0.3496,
0.3735

218.2765, 0.3326,
0.3528

22.4236, 0.3547,
0.3798

264.7506, 0.3313,
0.3513

14.1685, 0.3614,
0.3881

317.3931, 0.3302,
0.3500

8.2379, 0.3706,
0.3996

376.5886, 0.3293,

4.2476, 0.3839,

0.3488

0.4164

442.7213, 0.3284,
0.3478

■ 1.8130, 0.4090,
0.4481

■ 0.4953, 0.4634,
0.5366

■ 86.3777, 0.3397,
0.3614

■ 86.3777, 0.3397,
0.3614

■ 81.8521, 0.3573,
0.3814

■ 91.2163, 0.3232,
0.3419

■ 77.6178, 0.3757,
0.4012

■ 96.2480, 0.3091,
0.3250

■ 73.6681, 0.3945,
0.4201

■ 98.8751, 0.3090,
0.3290

■ 69.9912, 0.4128,
0.4370

■ 66.5742, 0.4301,
0.4508

■ 63.4027, 0.4453,
0.4606

■ 60.4599, 0.4577,
0.4656

■ 57.7249, 0.4671,
0.4658

■ 56.8963, 0.4697,
0.4653

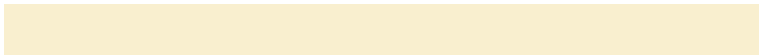
Harmonies

Analogous

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



86.3777, 0.3494, 0.3523



86.3777, 0.3397, 0.3614



86.3777, 0.3228, 0.3617

Triad

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



86.3777, 0.3397, 0.3614



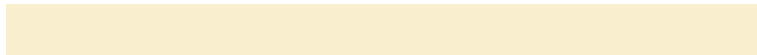
86.3777, 0.2777, 0.3186



86.3777, 0.3211, 0.3072

Complementary

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



86.3777, 0.3397, 0.3614



69.7261, 0.2856, 0.2944

Split Complementary

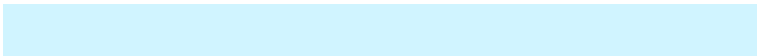
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3777, 0.3018, 0.2986



86.3777, 0.3397, 0.3614



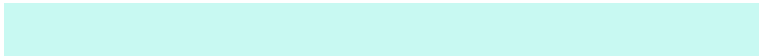
86.3777, 0.2772, 0.3045

Square

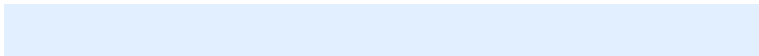
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3777, 0.3397, 0.3614



86.3777, 0.2872, 0.3363



86.3777, 0.2859, 0.2975



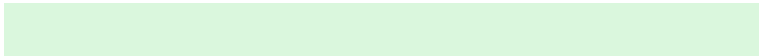
86.3777, 0.3386, 0.3213

Rectangle

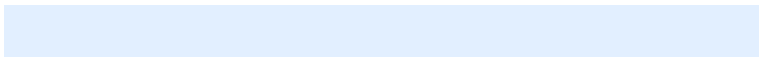
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.3777, 0.3397, 0.3614



86.3777, 0.3100, 0.3565



86.3777, 0.2859, 0.2975



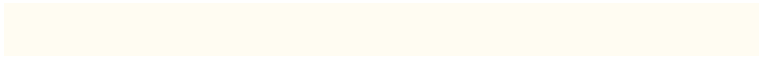
86.3777, 0.3146, 0.3036

Sweetspot

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



86.3815, 0.3397, 0.3614



97.2891, 0.3203, 0.3384



69.8093, 0.3372, 0.3183



20.7438, 0.3214, 0.3397



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.



86.3815, 0.3397, 0.3614



89.6541, 0.3452, 0.3677



90.5034, 0.3311, 0.3719



19.4510, 0.3275, 0.3470



30.6930, 0.4687, 0.4660



3.0049, 0.4615, 0.4717

Inverse Universe

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



69.7261, 0.2856, 0.2944



69.2262, 0.2800, 0.2870



66.3061, 0.2923, 0.2842



17.3121, 0.2979, 0.3104



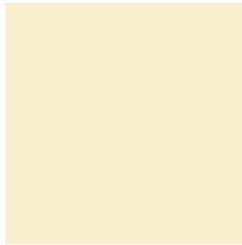
5.5236, 0.1573, 0.0862



0.6677, 0.1633, 0.1077

Previews

White Background



This preview shows how the Yxy color 86.3777, 0.3397, 0.3614 looks on a white background.

Color Contrast Check

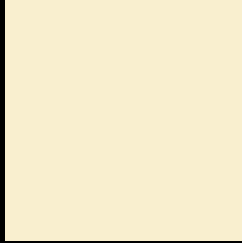
Large Text (above 18pt) WCAG AA × Fail

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 86.3777, 0.3397, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

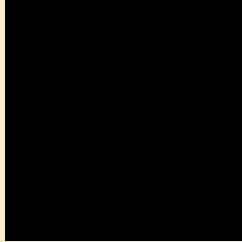
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.3777, 0.3397, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 86.3777, 0.3397, 0.3614.

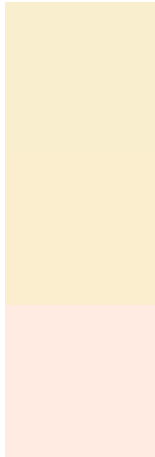


This preview shows how white text looks on a background with the Yxy color 86.3777, 0.3397, 0.3614.

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

86.3777, 0.3397, 0.3614

Protanopia

86.1633, 0.3413, 0.3603

Deuteranopia

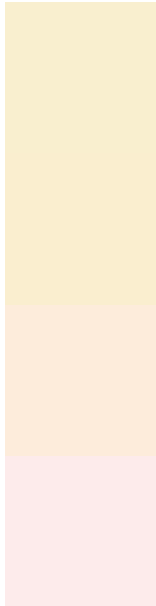
86.1676, 0.3321, 0.3380



Tritanopia

86.5029, 0.3162, 0.3116

Trichromacy



Original Color

86.3777, 0.3397, 0.3614

Protanomaly

85.9781, 0.3406, 0.3604

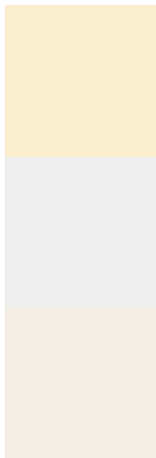
Deuteranomaly

85.9880, 0.3352, 0.3460

Tritanomaly

86.2975, 0.3249, 0.3290

Monochromacy



Original Color

86.3777, 0.3397, 0.3614

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 86.3777, 0.3397, 0.3614 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(249, 239, 207)` looks like.

```
.text, #text, p{  
    color:rgb(249, 239, 207)  
}
```

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(249, 239, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 239, 207) }
```

Border

The CSS property to change the border of an element to Yxy 86.3777, 0.3397, 0.3614 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(249, 239, 207) }
```

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

```
.border{ border-color:rgb(249, 239, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 239, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 239, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 239, 207);  
box-shadow:4px 4px 4px 4px rgb(249, 239,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3777, 0.3397, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 239, 207) }
```

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

```
.background{ background-color: rgb(249,  
239, 207) }
```

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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