

Converting Colors

$Yxy(86.1016, 0.3279, 0.3370)$

Have a look what the booklet for
Yxy(86.1016, 0.3279, 0.3370)
contains.

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Color

Yxy(86.1016, 0.3279, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	FBECE4
RGB	251, 236, 228
RGB Percent	98%, 93%, 89%
CMY	0.0158, 0.0745, 0.1058
CMYK	0.00, 0.06, 0.09, 0.02
HSL	21°, 74%, 94%
HSV	21°, 9%, 98%
XYZ	83.7766, 86.1016, 85.6162
YIQ	239.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

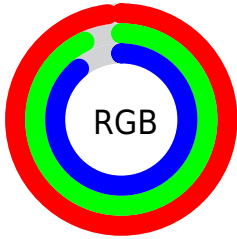
Format	Color
R _Y B	251, 240, 228
Decimal	16510180
CIE Lab	94.36, 3.73, 5.67
CIE LCh	94, 6.786, 56.670
Yxy	86.1016, 0.3279, 0.3370
Android (android.graphics.Color)	4294700260 (0xFFFFBECE4)
YUV	239.5730, -5.7055, 10.0215
Hunter-Lab	92.7909, -1.2249, 10.2481

Details

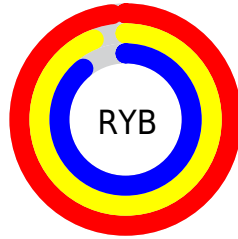
The Yxy color **86.1016, 0.3279, 0.3370** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.5477, 0.2985, 0.3209**, and the grayscale version is **86.8256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1290, 0.3307, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **75.8193, 0.3473, 0.3463**, and if you desaturate by 10%, it is **97.4563, 0.3114, 0.3283**.

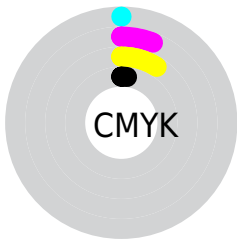
Distribution



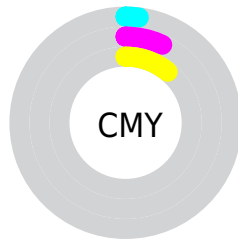
- Red (98%)
- Green (93%)
- Blue (89%)



- Red (98%)
- Yellow (94%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.1016, 0.3279, 0.3370 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 86.1016, 0.3279, 0.3370 by changing the saturation by 10% instead.

 86.1016, 0.3279,
0.3370

 86.1016, 0.3279,
0.3370

515.2662, 0.3211,
0.3335

 64.7520, 0.3294,
0.3378


141.9113, 0.3256,
0.3358

 47.2600, 0.3313,
0.3387

177.1401, 0.3246,
0.3353

 33.2412, 0.3336,
0.3399


217.7641, 0.3238,
0.3349

 22.3113, 0.3366,
0.3414

264.1678, 0.3231,
0.3345

 14.0858, 0.3406,
0.3434

316.7354, 0.3225,
0.3342

 8.1804, 0.3462,
0.3461

375.8514, 0.3220,

 4.2106, 0.3546,

0.3339

441.9002, 0.3215,
0.3337

0.3501

1.7920, 0.3685,
0.3564

0.4822, 0.4735,
0.4156

86.1016, 0.3279,
0.3370

86.1016, 0.3279,
0.3370

75.8193, 0.3473,
0.3463

97.4563, 0.3114,
0.3283

66.5664, 0.3701,
0.3559

99.2438, 0.3102,
0.3290

58.3132, 0.3966,
0.3656

51.0246, 0.4267,
0.3745

■ 44.6631, 0.4600,
0.3819

■ 39.1887, 0.4950,
0.3864

■ 34.5577, 0.5295,
0.3869

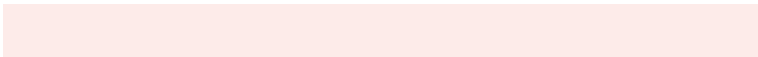
■ 30.7219, 0.5604,
0.3822

■ 27.6224, 0.5851,
0.3729

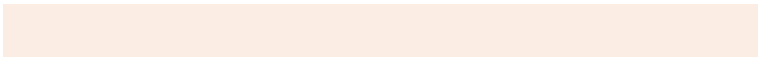
Harmonies

Analogous

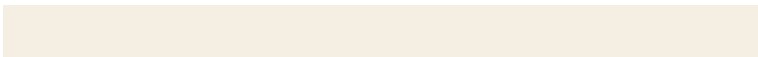
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1016, 0.3264, 0.3306



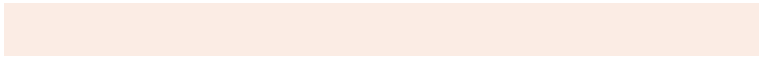
86.1016, 0.3279, 0.3370



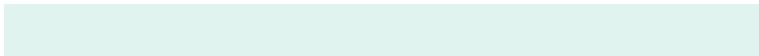
86.1016, 0.3253, 0.3414

Triad

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



86.1016, 0.3279, 0.3370



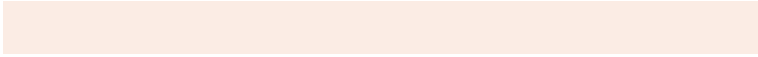
86.1016, 0.3042, 0.3342



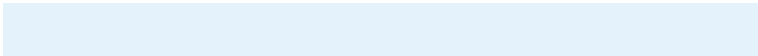
86.1016, 0.3061, 0.3159

Complementary

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



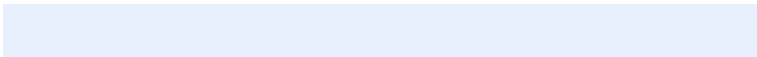
86.1016, 0.3279, 0.3370



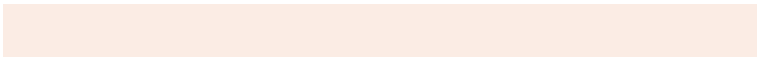
87.5477, 0.2985, 0.3209

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.



86.1016, 0.3003, 0.3167



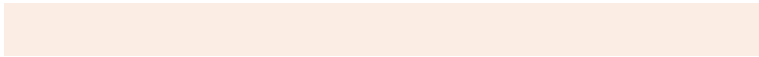
86.1016, 0.3279, 0.3370



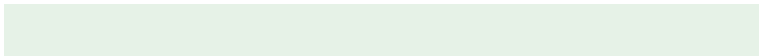
86.1016, 0.2992, 0.3272

Square

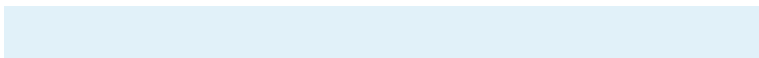
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



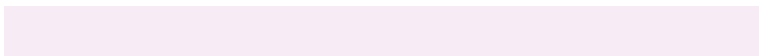
86.1016, 0.3279, 0.3370



86.1016, 0.3116, 0.3398



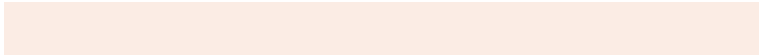
86.1016, 0.2978, 0.3208



86.1016, 0.3138, 0.3186

Rectangle

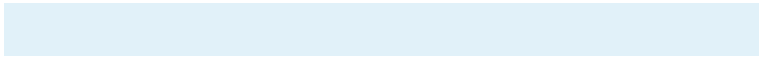
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.1016, 0.3279, 0.3370



86.1016, 0.3215, 0.3425



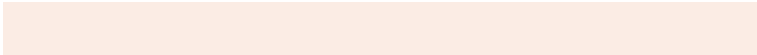
86.1016, 0.2978, 0.3208



86.1016, 0.3039, 0.3158

Sweetspot

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



86.1054, 0.3279, 0.3370



96.3773, 0.3174, 0.3316



82.4922, 0.3187, 0.3139



20.4251, 0.3188, 0.3323



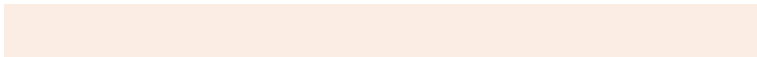
0.0000, 0.0000, 0.0000



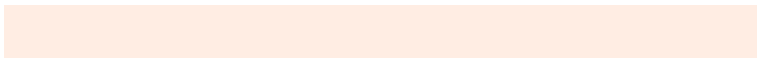
21.4041, 0.3127, 0.3290

Same Dimension

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



86.1054, 0.3279, 0.3370



87.2097, 0.3313, 0.3387



92.7169, 0.3267, 0.3479



18.2139, 0.3285, 0.3373



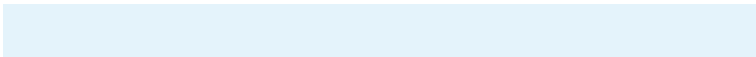
14.6450, 0.5841, 0.3744



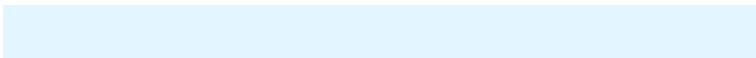
1.5465, 0.5612, 0.3926

Inverse Universe

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



87.5477, 0.2985, 0.3209



88.9868, 0.2956, 0.3191



81.0867, 0.2985, 0.3094



18.5313, 0.2980, 0.3205



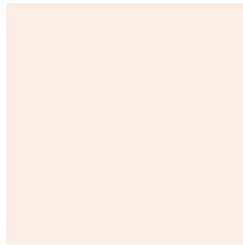
17.8205, 0.1918, 0.2106



1.8488, 0.1962, 0.2264

Previews

White Background



This preview shows how the Yxy color 86.1016, 0.3279, 0.3370 looks on a white background.

Color Contrast Check

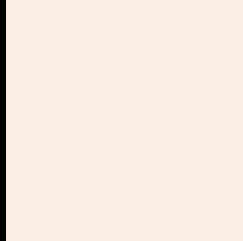
Large Text (above 18pt) WCAG AA × Fail

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 86.1016, 0.3279, 0.3370 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

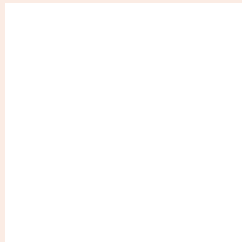
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.1016, 0.3279, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 86.1016, 0.3279, 0.3370.

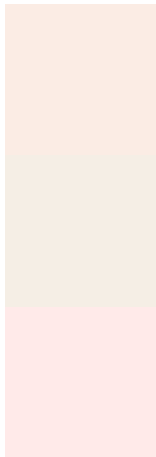


This preview shows how white text looks on a background with the Yxy color 86.1016, 0.3279, 0.3370.

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

86.1016, 0.3279, 0.3370

Protanopia

86.2187, 0.3230, 0.3381

Deuteranopia

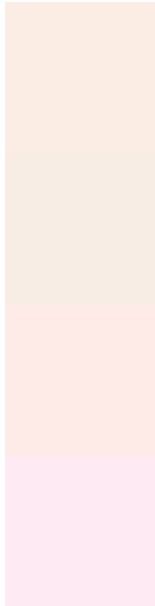
85.9888, 0.3277, 0.3300



Tritanopia

86.3137, 0.3155, 0.3115

Trichromacy



Original Color

86.1016, 0.3279, 0.3370

Protanomaly

85.9997, 0.3245, 0.3371

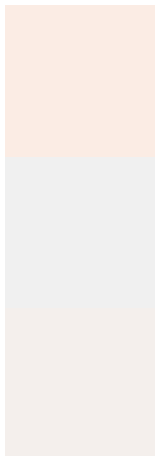
Deuteranomaly

86.2570, 0.3282, 0.3330

Tritanomaly

86.1993, 0.3199, 0.3202

Monochromacy



Original Color

86.1016, 0.3279, 0.3370

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.0222, 0.3179, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1016, 0.3279, 0.3370 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(251, 236, 228)` looks like.

```
.text, #text, p{  
    color:rgb(251, 236, 228)  
}
```

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(251, 236, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 236, 228) }
```

Border

The CSS property to change the border of an element to Yxy 86.1016, 0.3279, 0.3370 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(251, 236, 228) }
```

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

```
.border{ border-color:rgb(251, 236, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 236, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 236, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 236, 228);  
box-shadow:4px 4px 4px 4px rgb(251, 236,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1016, 0.3279, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 236, 228) }
```

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

```
.background{ background-color: rgb(251,  
236, 228) }
```

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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