

Converting Colors

$Y_{xy}(85.8159, 0.3310, 0.3366)$

Have a look what the booklet for
Yxy(85.8159, 0.3310, 0.3366)
contains.

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Color

Yxy(86.0335, 0.3308, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBE3
RGB	254, 235, 227
RGB Percent	100%, 92%, 89%
CMY	0.0038, 0.0784, 0.1099
CMYK	0.00, 0.07, 0.11, 0.00
HSL	18°, 93%, 94%
HSV	18°, 11%, 100%
XYZ	84.4507, 86.0335, 84.8081
YIQ	239.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

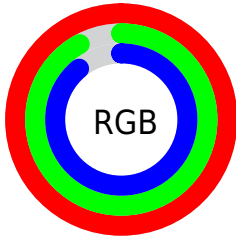
Format	Color
R_{YB}	254, 238, 227
Decimal	16706531
CIE Lab	94.33, 5.14, 6.20
CIE LCh	94, 8.053, 50.370
Yxy	86.0335, 0.3308, 0.3370
Android (android.graphics.Color)	4294896611 (0xFFFE0BE3)
YUV	239.7690, -6.2951, 12.4806
Hunter-Lab	92.7542, 0.2004, 10.7173

Details

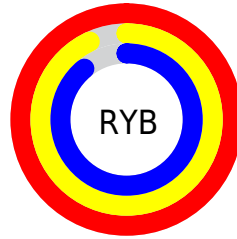
The Yxy color **86.0335, 0.3308, 0.3370** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.3969, 0.2962, 0.3209**, and the grayscale version is **86.9931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0891, 0.3344, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **75.0145, 0.3511, 0.3450**, and if you desaturate by 10%, it is **98.2946, 0.3137, 0.3295**.

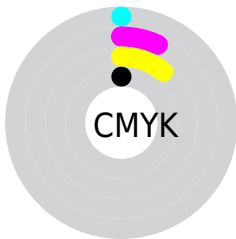
Distribution



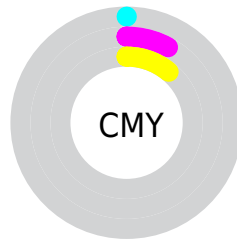
- Red (100%)
- Green (92%)
- Blue (89%)



- Red (100%)
- Yellow (93%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.0335, 0.3308, 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 86.0335, 0.3308, 0.3370 by changing the saturation by 10% instead.


 86.0335, 0.3308,
0.3370

 86.0335, 0.3308,
0.3370


515.0417, 0.3226,
0.3335

 64.6957, 0.3326,
0.3378


141.8162, 0.3280,
0.3358

 47.2144, 0.3348,
0.3387


177.0299, 0.3269,
0.3353

 33.2051, 0.3376,
0.3399


217.6377, 0.3260,
0.3349

 22.2836, 0.3412,
0.3413

264.0240, 0.3251,
0.3346

 14.0655, 0.3460,
0.3432

316.5731, 0.3244,
0.3342

 8.1662, 0.3527,
0.3459

375.6695, 0.3238,

 4.2015, 0.3627,

0.3340

0.3497

441.6976, 0.3232,
0.3337

■ 1.7869, 0.3794,
0.3556

■ 0.4790, 0.5060,
0.4174

■ 86.0335, 0.3308,
0.3370

■ 86.0335, 0.3308,
0.3370

■ 75.0145, 0.3511,
0.3450

■ 98.2946, 0.3137,
0.3295

■ 65.1869, 0.3752,
0.3533

99.8161, 0.3121,
0.3290

■ 56.5134, 0.4033,
0.3615

■ 48.9502, 0.4356,
0.3689

■ 42.4505, 0.4715,
0.3747

■ 36.9642, 0.5091,
0.3776

■ 32.4366, 0.5457,
0.3765

■ 28.8068, 0.5774,
0.3706

■ 26.1573, 0.6003,
0.3616

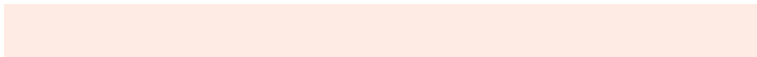
Harmonies

Analogous

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



86.0335, 0.3280, 0.3292



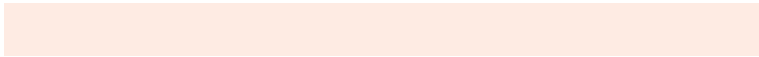
86.0335, 0.3308, 0.3370



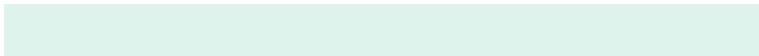
86.0335, 0.3287, 0.3429

Triad

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



86.0335, 0.3308, 0.3370



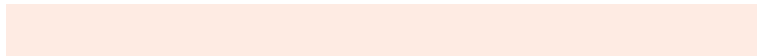
86.0335, 0.3043, 0.3368



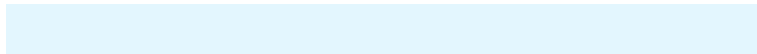
86.0335, 0.3032, 0.3134

Complementary

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



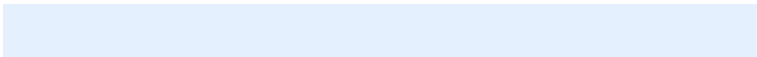
86.0335, 0.3308, 0.3370



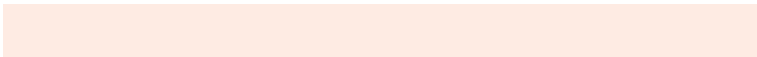
89.3969, 0.2962, 0.3209

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.



86.0335, 0.2970, 0.3151



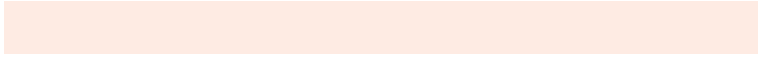
86.0335, 0.3308, 0.3370



86.0335, 0.2976, 0.3286

Square

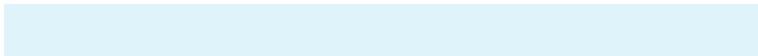
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0335, 0.3308, 0.3370



86.0335, 0.3133, 0.3428



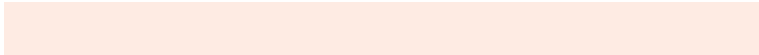
86.0335, 0.2950, 0.3206



86.0335, 0.3120, 0.3157

Rectangle

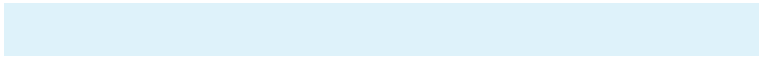
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0335, 0.3308, 0.3370



86.0335, 0.3247, 0.3448



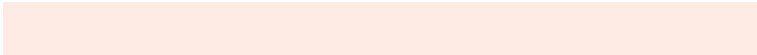
86.0335, 0.2950, 0.3206



86.0335, 0.3007, 0.3135

Sweetspot

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



86.0373, 0.3308, 0.3370



96.1320, 0.3175, 0.3312



82.6761, 0.3189, 0.3100



20.3591, 0.3188, 0.3318



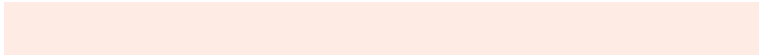
0.0000, 0.0000, 0.0000



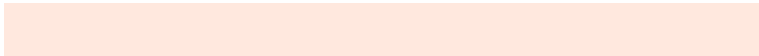
21.4041, 0.3127, 0.3290

Same Dimension

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



86.0373, 0.3308, 0.3370



84.0616, 0.3353, 0.3389



93.8577, 0.3293, 0.3498



18.8652, 0.3287, 0.3361



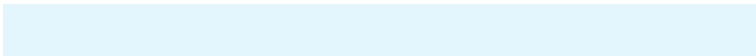
14.0091, 0.5974, 0.3639



1.5444, 0.5753, 0.3814

Inverse Universe

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



89.3969, 0.2962, 0.3209



88.1310, 0.2925, 0.3189



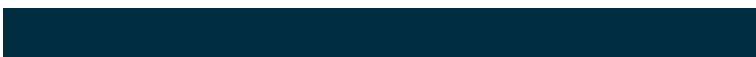
81.6690, 0.2960, 0.3073



19.5179, 0.2980, 0.3218



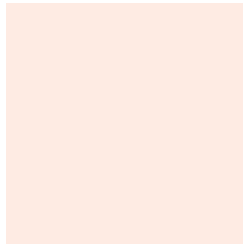
20.9649, 0.1970, 0.2291



2.2317, 0.2005, 0.2418

Previews

White Background



This preview shows how the Yxy color 86.0335, 0.3308, 0.3370 looks on a white background.

Color Contrast Check

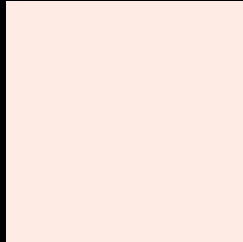
Large Text (above 18pt) WCAG AA × Fail

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 86.0335, 0.3308, 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 86.0335, 0.3308, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 86.0335, 0.3308, 0.3370.

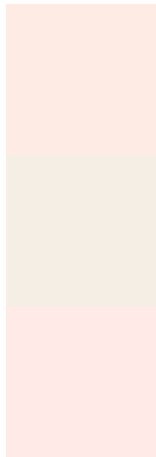


This preview shows how white text looks on a background with the Yxy color 86.0335, 0.3308, 0.3370.

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

86.0335, 0.3308, 0.3370

Protanopia

86.1630, 0.3236, 0.3391

Deuteranopia

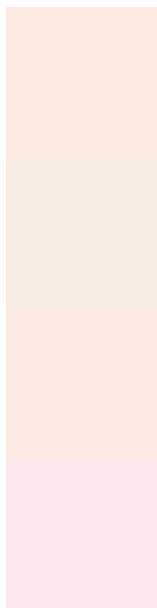
85.9318, 0.3283, 0.3310



Tritanopia

85.7505, 0.3182, 0.3135

Trichromacy



Original Color

86.0335, 0.3308, 0.3370

Protanomaly

86.1263, 0.3258, 0.3381

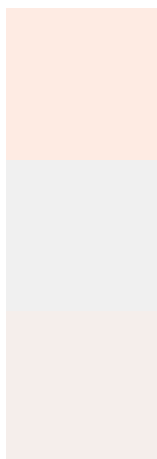
Deuteranomaly

85.8188, 0.3296, 0.3330

Tritanomaly

85.8291, 0.3232, 0.3222

Monochromacy



Original Color

86.0335, 0.3308, 0.3370

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.5597, 0.3192, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0335, 0.3308, 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(254, 235, 227)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 227)  
}
```

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(254, 235, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 227) }
```

Border

The CSS property to change the border of an element to Yxy 86.0335, 0.3308, 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(254, 235, 227) }
```

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

```
.border{ border-color:rgb(254, 235, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 235, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 227);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0335, 0.3308, 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(254, 235, 227) }
```

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

```
.background{ background-color: rgb(254,  
235, 227) }
```

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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