

Converting Colors

$Yxy(86.6695, 0.3333, 0.3534)$

Have a look what the booklet for
Yxy(86.6695, 0.3333, 0.3534)
contains.

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Color

Yxy(86.4135, 0.3332, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	F7EFD7
RGB	247, 239, 215
RGB Percent	97%, 94%, 84%
CMY	0.0313, 0.0628, 0.1568
CMYK	0.00, 0.03, 0.13, 0.03
HSL	45°, 67%, 91%
HSV	45°, 13%, 97%
XYZ	81.4972, 86.4135, 76.6788
YIQ	238.6560, 12.4720, -5.7680

Conversions

Conversions Part 2

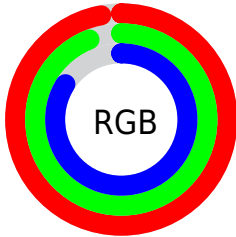
Format	Color
R _Y B	226, 247, 215
Decimal	16248791
CIE Lab	94.49, -1.23, 12.56
CIE LCh	94, 12.621, 95.606
Yxy	86.4135, 0.3332, 0.3533
Android (android.graphics.Color)	4294438871 (0xFFFF7EFD7)
YUV	238.6560, -11.6624, 7.3177
Hunter-Lab	92.9589, -6.1866, 16.1648

Details

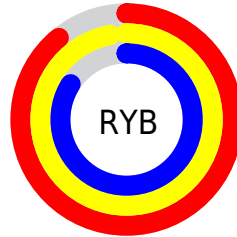
The Yxy color **86.4135, 0.3332, 0.3533** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.9604, 0.2922, 0.3035**, and the grayscale version is **86.1254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4814, 0.3383, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **81.6768, 0.3505, 0.3728**, and if you desaturate by 10%, it is **91.4739, 0.3172, 0.3344**.

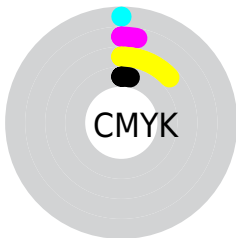
Distribution



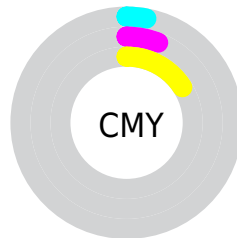
- Red (97%)
- Green (94%)
- Blue (84%)



- Red (89%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4135, 0.3332, 0.3533 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 86.4135, 0.3332, 0.3533 by changing the saturation by 10% instead.


 86.4135, 0.3332,
0.3533

 86.4135, 0.3332,
0.3533

516.2937, 0.3240,
0.3424

 65.0100, 0.3352,
0.3557


142.3464, 0.3301,
0.3496

 47.4692, 0.3377,
0.3587


177.6445, 0.3288,
0.3481

 33.4067, 0.3408,
0.3624


218.3429, 0.3278,
0.3468

 22.4382, 0.3447,
0.3671

264.8261, 0.3268,
0.3457

 14.1792, 0.3499,
0.3734

317.4783, 0.3260,
0.3447

 8.2454, 0.3571,
0.3822

376.6841, 0.3253,

 4.2524, 0.3676,

0.3439

0.3951

442.8278, 0.3246,
0.3431

■ 1.8157, 0.3846,
0.4163

■ 0.4969, 0.4709,
0.5291

■ 86.4135, 0.3332,
0.3533

■ 86.4135, 0.3332,
0.3533

■ 81.6768, 0.3505,
0.3728

■ 91.4739, 0.3172,
0.3344

■ 77.2425, 0.3688,
0.3925

■ 96.2344, 0.3079,
0.3255

■ 73.1040, 0.3877,
0.4116

■ 98.5188, 0.3078,
0.3290

■ 69.2500, 0.4067,
0.4291

■ 65.6682, 0.4249,
0.4441

■ 62.3449, 0.4415,
0.4553

■ 59.2644, 0.4557,
0.4620

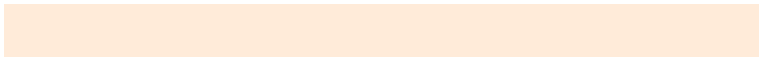
■ 56.4081, 0.4668,
0.4638

■ 54.5129, 0.4730,
0.4626

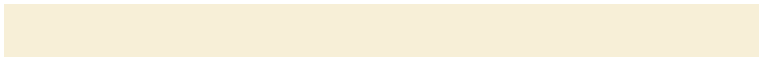
Harmonies

Analogous

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



86.4135, 0.3403, 0.3466



86.4135, 0.3332, 0.3533



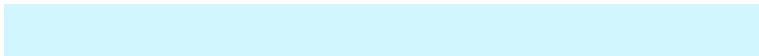
86.4135, 0.3206, 0.3534

Triad

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



86.4135, 0.3332, 0.3533



86.4135, 0.2863, 0.3215



86.4135, 0.3189, 0.3123

Complementary

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



86.4135, 0.3332, 0.3533



73.9604, 0.2922, 0.3035

Split Complementary

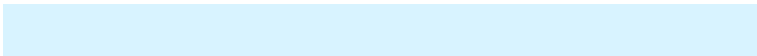
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4135, 0.3044, 0.3059



86.4135, 0.3332, 0.3533



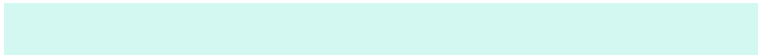
86.4135, 0.2858, 0.3108

Square

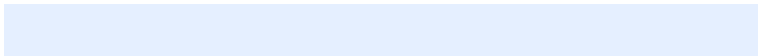
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.4135, 0.3332, 0.3533



86.4135, 0.2937, 0.3347



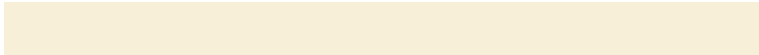
86.4135, 0.2923, 0.3052



86.4135, 0.3320, 0.3230

Rectangle

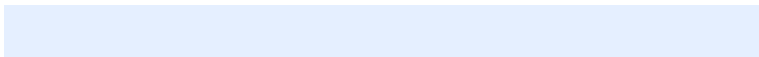
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.4135, 0.3332, 0.3533



86.4135, 0.3109, 0.3496



86.4135, 0.2923, 0.3052



86.4135, 0.3140, 0.3096

Sweetspot

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



86.4173, 0.3332, 0.3533



97.7394, 0.3188, 0.3363



73.7415, 0.3304, 0.3203



20.8306, 0.3200, 0.3377



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.



86.4173, 0.3332, 0.3533



91.2909, 0.3384, 0.3592



89.8915, 0.3271, 0.3616



18.5687, 0.3275, 0.3466



29.0609, 0.4719, 0.4635



2.7163, 0.4639, 0.4699

Inverse Universe

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



73.9604, 0.2922, 0.3035



75.0891, 0.2870, 0.2968



70.9278, 0.2971, 0.2952



16.6018, 0.2979, 0.3107



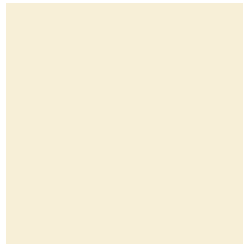
5.5587, 0.1580, 0.0889



0.6455, 0.1645, 0.1121

Previews

White Background



This preview shows how the Yxy color 86.4135, 0.3332, 0.3533 looks on a white background.

Color Contrast Check

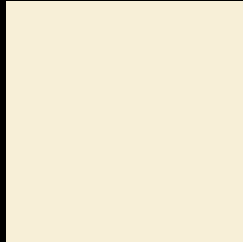
Large Text (above 18pt) WCAG AA × Fail

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 86.4135, 0.3332, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

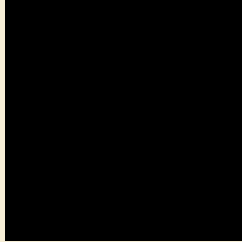
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.4135, 0.3332, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 86.4135, 0.3332, 0.3533.

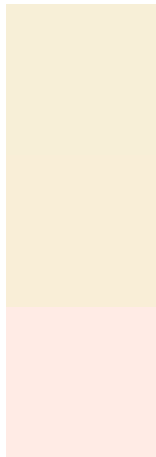


This preview shows how white text looks on a background with the Yxy color 86.4135, 0.3332, 0.3533.

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

86.4135, 0.3332, 0.3533

Protanopia

86.1951, 0.3347, 0.3522

Deuteranopia

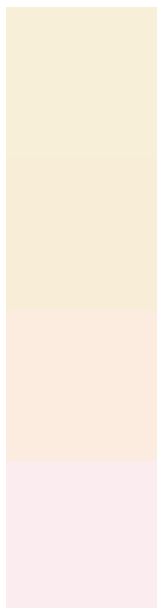
86.3338, 0.3302, 0.3350



Tritanopia

86.5694, 0.3135, 0.3115

Trichromacy



Original Color

86.4135, 0.3332, 0.3533

Protanomaly

86.0118, 0.3340, 0.3523

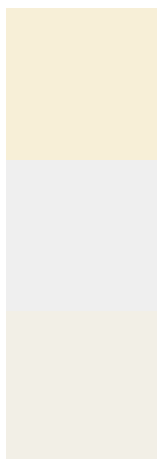
Deuteranomaly

86.0682, 0.3312, 0.3410

Tritanomaly

86.5469, 0.3202, 0.3261

Monochromacy



Original Color

86.4135, 0.3332, 0.3533

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.3234, 0.3203, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4135, 0.3332, 0.3533 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(247, 239, 215)` looks like.

```
.text, #text, p{  
    color:rgb(247, 239, 215)  
}
```

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(247, 239, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 215) }
```

Border

The CSS property to change the border of an element to Yxy 86.4135, 0.3332, 0.3533 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(247, 239, 215) }
```

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

```
.border{ border-color:rgb(247, 239, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 239, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4135, 0.3332, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 215) }
```

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

```
.background{ background-color: rgb(247,  
239, 215) }
```

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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