

Converting Colors

$Y_{xy}(86.2755, 0.3162, 0.3187)$

Have a look what the booklet for
Yxy(86.2755, 0.3162, 0.3187)
contains.

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Color

Yxy(86.3332, 0.3165, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	FAEBF5
RGB	250, 235, 245
RGB Percent	98%, 92%, 96%
CMY	0.0198, 0.0784, 0.0392
CMYK	0.00, 0.06, 0.02, 0.02
HSL	320°, 60%, 95%
HSV	320°, 6%, 98%
XYZ	85.6029, 86.3332, 98.5313
YIQ	240.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

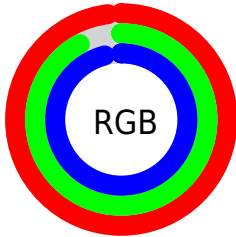
Format	Color
R _Y B	250, 235, 245
Decimal	16444405
CIE Lab	94.45, 6.76, -3.01
CIE LCh	94, 7.401, 335.997
Yxy	86.3332, 0.3165, 0.3192
Android (android.graphics.Color)	4294634485 (0xFFFAEBF5)
YUV	240.6250, 2.1569, 8.2219
Hunter-Lab	92.9157, 1.8491, 2.1676

Details

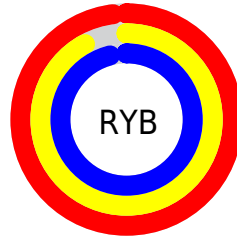
The Yxy color **86.3332, 0.3165, 0.3192** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92.3047, 0.3091, 0.3390**, and the grayscale version is **87.6311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3837, 0.3176, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **72.5173, 0.3238, 0.3022**, and if you desaturate by 10%, it is **98.9487, 0.3106, 0.3306**.

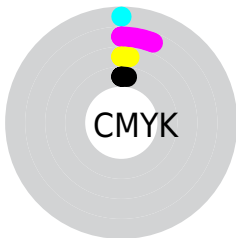
Distribution



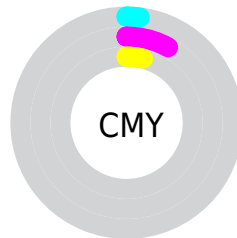
- Red (98%)
- Green (92%)
- Blue (96%)



- Red (98%)
- Yellow (92%)
- Blue (96%)



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





- Cyan (2%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3332, 0.3165, 0.3192 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 86.3332, 0.3165, 0.3192 by changing the saturation by 10% instead.


 86.3332, 0.3165,
0.3192

 86.3332, 0.3165,
0.3192

516.0293, 0.3148,
0.3236

 64.9435, 0.3169,
0.3182


142.2344, 0.3159,
0.3207

 47.4153, 0.3173,
0.3171


177.5147, 0.3157,
0.3213

 33.3641, 0.3179,
0.3156


218.1940, 0.3155,
0.3218

 22.4055, 0.3186,
0.3138

264.6567, 0.3153,
0.3222

 14.1552, 0.3195,
0.3113

317.2871, 0.3152,
0.3226

 8.2287, 0.3208,
0.3079

376.4698, 0.3151,

 4.2416, 0.3227,

0.3230

0.3029

442.5890, 0.3149,
0.3233

■ 1.8096, 0.3258,
0.2948

■ 0.4932, 0.3381,
0.2631

■ 86.3332, 0.3165,
0.3192

■ 86.3332, 0.3165,
0.3192

■ 72.5173, 0.3238,
0.3022

■ 98.9487, 0.3106,
0.3306

■ 60.6479, 0.3323,
0.2846

■ 99.0573, 0.3096,
0.3290

■ 50.6392, 0.3423,
0.2670

■ 42.3947, 0.3537,
0.2502

■ 35.8090, 0.3664,
0.2350

■ 30.7656, 0.3802,
0.2227

■ 27.1326, 0.3947,
0.2143

■ 24.7557, 0.4095,
0.2107

■ 23.4439, 0.4238,
0.2123

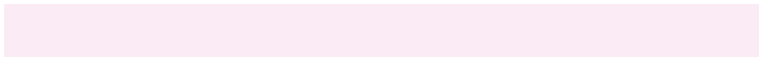
Harmonies

Analogous

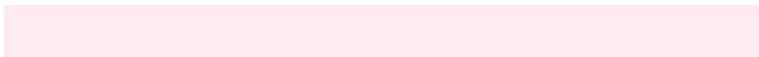
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3332, 0.3080, 0.3153



86.3332, 0.3165, 0.3192



86.3332, 0.3241, 0.3256

Triad

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



86.3332, 0.3165, 0.3192



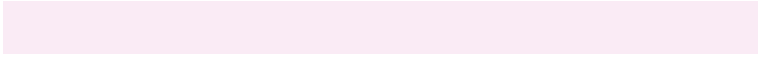
86.3332, 0.3247, 0.3433



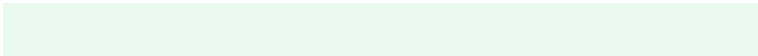
86.3332, 0.2971, 0.3247

Complementary

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



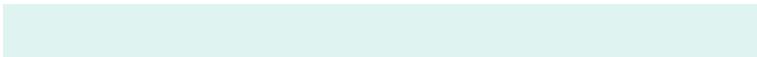
86.3332, 0.3165, 0.3192



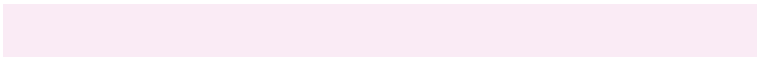
92.3047, 0.3091, 0.3390

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.



86.3332, 0.3014, 0.3323



86.3332, 0.3165, 0.3192



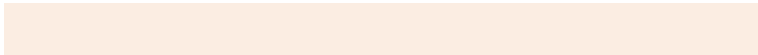
86.3332, 0.3173, 0.3432

Square

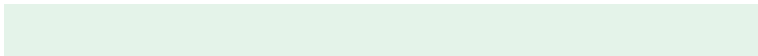
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



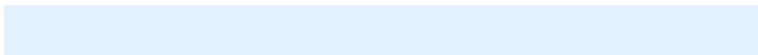
86.3332, 0.3165, 0.3192



86.3332, 0.3288, 0.3395



86.3332, 0.3088, 0.3391



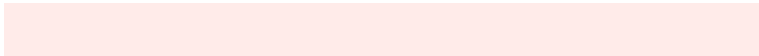
86.3332, 0.2968, 0.3183

Rectangle

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



86.3332, 0.3165, 0.3192



86.3332, 0.3276, 0.3306



86.3332, 0.3088, 0.3391



86.3332, 0.2981, 0.3272

Sweetspot

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



86.3369, 0.3165, 0.3192



96.6803, 0.3139, 0.3258



84.8092, 0.3067, 0.3141



20.7283, 0.3139, 0.3259



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

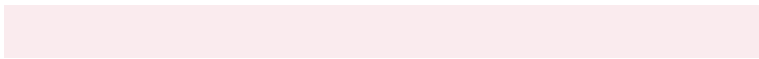
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3369, 0.3165, 0.3192



88.7587, 0.3172, 0.3175



85.9037, 0.3211, 0.3263



18.0031, 0.3176, 0.3165



12.2851, 0.4273, 0.2127



1.1575, 0.4113, 0.2039

Inverse Universe

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



86.3369, 0.3165, 0.3192



88.7587, 0.3172, 0.3175



92.7433, 0.3050, 0.3317



18.0031, 0.3176, 0.3165



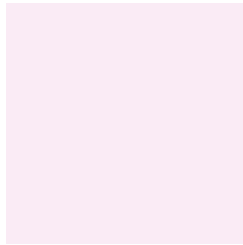
12.2851, 0.4273, 0.2127



1.1575, 0.4113, 0.2039

Previews

White Background



This preview shows how the Yxy color 86.3332, 0.3165, 0.3192 looks on a white background.

Color Contrast Check

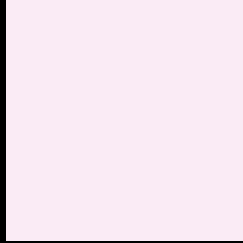
Large Text (above 18pt) WCAG AA × Fail

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 86.3332, 0.3165, 0.3192 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 86.3332, 0.3165, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 86.3332, 0.3165, 0.3192.

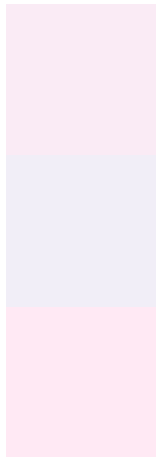


This preview shows how white text looks on a background with the Yxy color 86.3332, 0.3165, 0.3192.

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

86.3332, 0.3165, 0.3192

Protanopia

86.5652, 0.3092, 0.3200

Deuteranopia

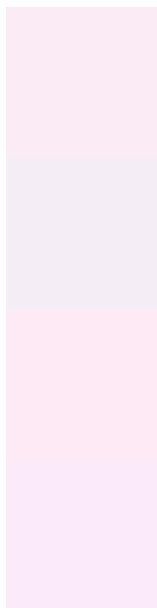
86.0695, 0.3207, 0.3183



Tritanopia

86.3831, 0.3129, 0.3115

Trichromacy



Original Color

86.3332, 0.3165, 0.3192

Protanomaly

86.4553, 0.3118, 0.3201

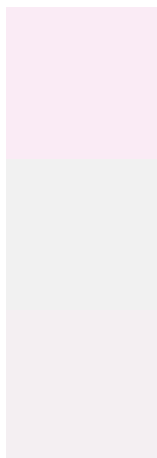
Deuteranomaly

86.2599, 0.3192, 0.3192

Tritanomaly

86.1944, 0.3147, 0.3143

Monochromacy



Original Color

86.3332, 0.3165, 0.3192

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.3769, 0.3142, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3332, 0.3165, 0.3192 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(250, 235, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 245)  
}
```

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(250, 235, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 245) }
```

Border

The CSS property to change the border of an element to Yxy 86.3332, 0.3165, 0.3192 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(250, 235, 245) }
```

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

```
.border{ border-color:rgb(250, 235, 245) }
```

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

Here you see how a box with a 4 pixel rgb(250, 235, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3332, 0.3165, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 245) }
```

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

```
.background{ background-color: rgb(250,  
235, 245) }
```

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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