

Converting Colors

$Yxy(85.4071, 0.3162, 0.3213)$

Have a look what the booklet for
Yxy(85.4071, 0.3162, 0.3213)
contains.

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Color

Yxy(85.6016, 0.3164, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	F7EBF2
RGB	247, 235, 242
RGB Percent	97%, 92%, 95%
CMY	0.0314, 0.0784, 0.0511
CMYK	0.00, 0.05, 0.02, 0.03
HSL	325°, 43%, 95%
HSV	325°, 5%, 97%
XYZ	84.0868, 85.6016, 96.0726
YIQ	239.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

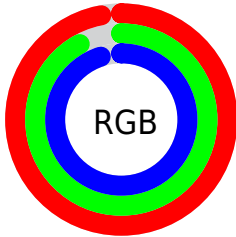
Format	Color
R _Y B	247, 235, 242
Decimal	16247794
CIE Lab	94.14, 5.24, -1.93
CIE LCh	94, 5.585, 339.812
Yxy	85.6016, 0.3164, 0.3221
Android (android.graphics.Color)	4294437874 (0xFFFF7EBF2)
YUV	239.3860, 1.2887, 6.6775
Hunter-Lab	92.5211, 0.3157, 3.1989

Details

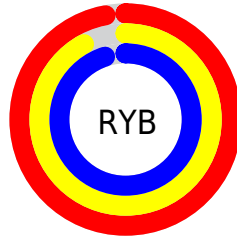
The Yxy color **85.6016, 0.3164, 0.3221** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.4731, 0.3092, 0.3360**, and the grayscale version is **86.6201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8617, 0.3175, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **71.8254, 0.3251, 0.3073**, and if you desaturate by 10%, it is **98.3410, 0.3093, 0.3316**.

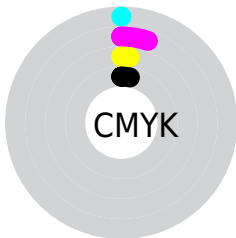
Distribution



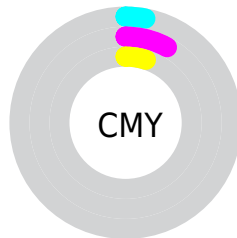
- Red (97%)
- Green (92%)
- Blue (95%)



- Red (97%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.6016, 0.3164, 0.3221 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 85.6016, 0.3164, 0.3221 by changing the saturation by 10% instead.


 85.6016, 0.3164,
0.3221

 85.6016, 0.3164,
0.3221

513.6166, 0.3148,
0.3252

 64.3386, 0.3168,
0.3214


141.2134, 0.3158,
0.3232

 46.9250, 0.3172,
0.3206


176.3310, 0.3156,
0.3236

 32.9763, 0.3178,
0.3195


216.8355, 0.3154,
0.3239

 22.1083, 0.3185,
0.3182

263.1114, 0.3153,
0.3242

 13.9365, 0.3194,
0.3165

315.5431, 0.3151,
0.3245

 8.0765, 0.3207,
0.3140

374.5149, 0.3150,

 4.1440, 0.3226,

0.3248

0.3104

440.4113, 0.3149,
0.3250

■ 1.7544, 0.3258,
0.3044

■ 0.4585, 0.3404,
0.2768

■ 85.6016, 0.3164,
0.3221

■ 85.6016, 0.3164,
0.3221

■ 71.8254, 0.3251,
0.3073

■ 98.3410, 0.3093,
0.3316

■ 59.9633, 0.3355,
0.2919

■ 98.5124, 0.3078,
0.3290

■ 49.9323, 0.3478,
0.2764

■ 41.6393, 0.3621,
0.2614

■ 34.9827, 0.3783,
0.2478

■ 29.8503, 0.3964,
0.2368

■ 26.1158, 0.4157,
0.2296

■ 23.6320, 0.4356,
0.2272

■ 22.2184, 0.4551,
0.2303

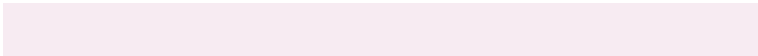
Harmonies

Analogous

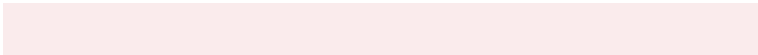
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6016, 0.3099, 0.3188



85.6016, 0.3164, 0.3221



85.6016, 0.3219, 0.3272

Triad

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



85.6016, 0.3164, 0.3221



85.6016, 0.3212, 0.3399



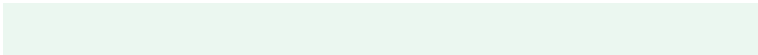
85.6016, 0.3007, 0.3251

Complementary

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



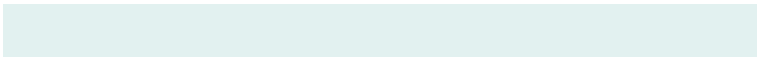
85.6016, 0.3164, 0.3221



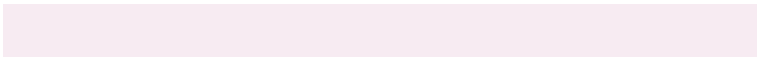
90.4731, 0.3092, 0.3360

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.



85.6016, 0.3036, 0.3308



85.6016, 0.3164, 0.3221



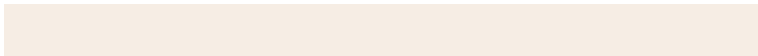
85.6016, 0.3154, 0.3395

Square

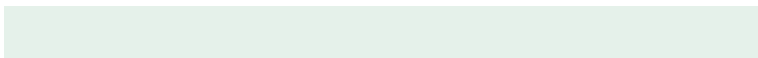
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



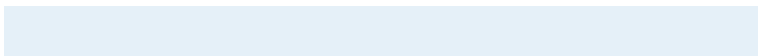
85.6016, 0.3164, 0.3221



85.6016, 0.3247, 0.3375



85.6016, 0.3090, 0.3361



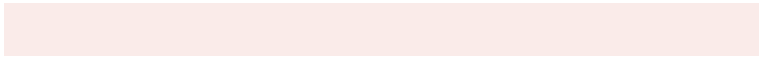
85.6016, 0.3009, 0.3205

Rectangle

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



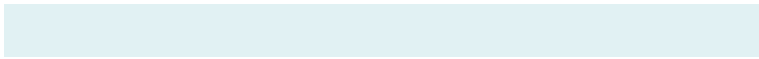
85.6016, 0.3164, 0.3221



85.6016, 0.3243, 0.3309



85.6016, 0.3090, 0.3361



85.6016, 0.3013, 0.3269

Sweetspot

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



85.6053, 0.3164, 0.3221



98.3152, 0.3134, 0.3276



84.6643, 0.3086, 0.3170



21.0612, 0.3134, 0.3277



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

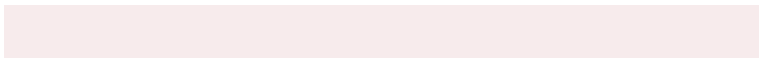
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6053, 0.3164, 0.3221



90.2177, 0.3173, 0.3204



85.2529, 0.3202, 0.3280



17.4910, 0.3178, 0.3195



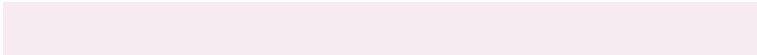
11.5442, 0.4619, 0.2318



1.0351, 0.4393, 0.2194

Inverse Universe

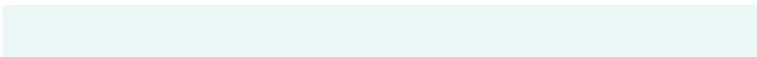
The Inverse Universe completely reimagines the original color for something new.



85.6053, 0.3164, 0.3221



90.2177, 0.3173, 0.3204



90.8334, 0.3057, 0.3300



17.4910, 0.3178, 0.3195



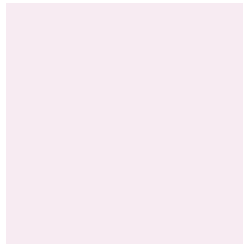
11.5442, 0.4619, 0.2318



1.0351, 0.4393, 0.2194

Previews

White Background



This preview shows how the Yxy color 85.6016, 0.3164, 0.3221 looks on a white background.

Color Contrast Check

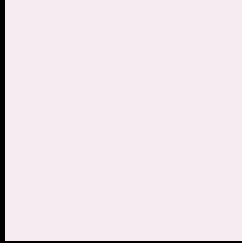
Large Text (above 18pt) WCAG AA × Fail

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 85.6016, 0.3164, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

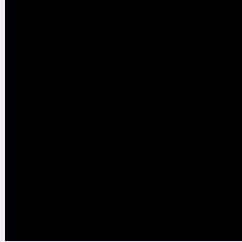
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

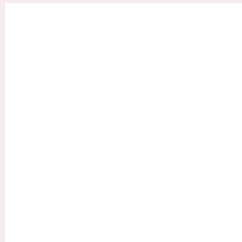
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6016, 0.3164, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 85.6016, 0.3164, 0.3221.

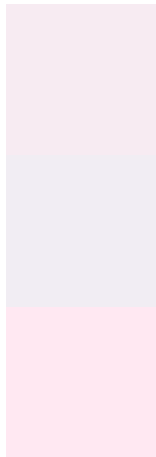


This preview shows how white text looks on a background with the Yxy color 85.6016, 0.3164, 0.3221.

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

85.6016, 0.3164, 0.3221

Protanopia

85.7402, 0.3117, 0.3230

Deuteranopia

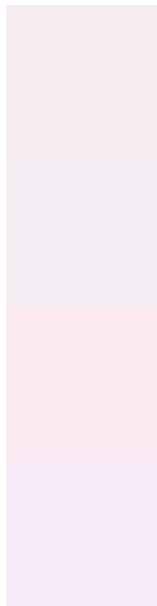
85.3840, 0.3220, 0.3192



Tritanopia

85.2626, 0.3109, 0.3103

Trichromacy



Original Color

85.6016, 0.3164, 0.3221

Protanomaly

85.5167, 0.3130, 0.3220

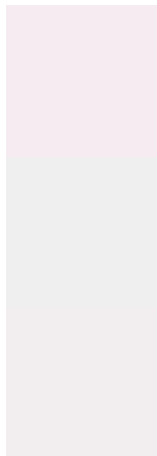
Deuteranomaly

85.3841, 0.3199, 0.3202

Tritanomaly

85.5794, 0.3134, 0.3152

Monochromacy



Original Color

85.6016, 0.3164, 0.3221

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.3176, 0.3141, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6016, 0.3164, 0.3221 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, 235, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 242)  
}
```

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, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 242) }
```

Border

The CSS property to change the border of an element to Yxy 85.6016, 0.3164, 0.3221 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, 235, 242) }
```

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

```
.border{ border-color:rgb(247, 235, 242) }
```

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

Here you see how a box with a 4 pixel rgb(247, 235, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6016, 0.3164, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 242) }
```

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

```
.background{ background-color: rgb(247,  
235, 242) }
```

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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