

Converting Colors

$Y_{xy}(85.2715, 0.3145, 0.3201)$

Have a look what the booklet for
Yxy(85.2715, 0.3145, 0.3201)
contains.

Yxy(85.5411, 0.3145, 0.3201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(85.5411, 0.3145, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	F6EBF4
RGB	246, 235, 244
RGB Percent	96%, 92%, 96%
CMY	0.0352, 0.0784, 0.0432
CMYK	0.00, 0.04, 0.01, 0.04
HSL	311°, 38%, 94%
HSV	311°, 4%, 96%
XYZ	84.0446, 85.5411, 97.6467
YIQ	239.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

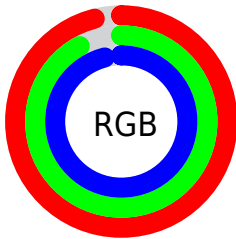
Format	Color
R _Y B	246, 235, 244
Decimal	16182260
CIE Lab	94.12, 5.27, -3.01
CIE LCh	94, 6.074, 330.249
Yxy	85.5411, 0.3145, 0.3201
Android (android.graphics.Color)	4294372340 (0xFF6E6BF4)
YUV	239.3150, 2.3097, 5.8627
Hunter-Lab	92.4884, 0.3489, 2.1452

Details

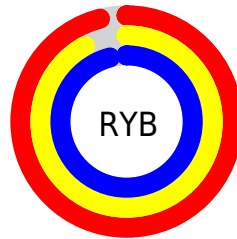
The Yxy color **85.5411, 0.3145, 0.3201** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.7032, 0.3110, 0.3381**, and the grayscale version is **86.5572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8182, 0.3150, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **72.1438, 0.3189, 0.2996**, and if you desaturate by 10%, it is **97.9273, 0.3109, 0.3353**.

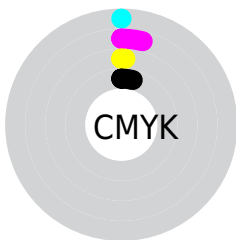
Distribution



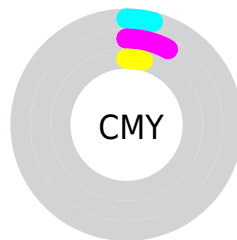
- Red (96%)
- Green (92%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.5411, 0.3145, 0.3201 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 85.5411, 0.3145, 0.3201 by changing the saturation by 10% instead.

 85.5411, 0.3145,
0.3201

 85.5411, 0.3145,
0.3201

513.4168, 0.3137,
0.3241

 64.2886, 0.3147,
0.3192

141.1289, 0.3142,
0.3215

 46.8844, 0.3149,
0.3182


176.2330, 0.3141,
0.3220

 32.9443, 0.3151,
0.3168


216.7231, 0.3140,
0.3225

 22.0838, 0.3155,
0.3151

262.9835, 0.3140,
0.3229

 13.9185, 0.3159,
0.3129

315.3987, 0.3139,
0.3232

 8.0640, 0.3165,
0.3097

374.3531, 0.3138,

 4.1359, 0.3173,

0.3235

440.2310, 0.3138,
0.3238

0.3051

1.7499, 0.3187,
0.2976

0.4556, 0.3258,
0.2642

85.5411, 0.3145,
0.3201

85.5411, 0.3145,
0.3201

72.1438, 0.3189,
0.2996

97.9273, 0.3109,
0.3353

60.6182, 0.3240,
0.2786

98.2153, 0.3083,
0.3308

50.8832, 0.3298,
0.2577

98.3363, 0.3072,
0.3290

42.8471, 0.3361,
0.2377

■ 36.4104, 0.3430,
0.2196

■ 31.4630, 0.3502,
0.2044

■ 27.8809, 0.3576,
0.1930

■ 25.5200, 0.3648,
0.1861

■ 24.2039, 0.3717,
0.1839

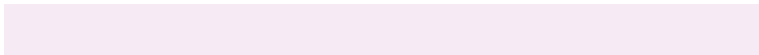
Harmonies

Analogous

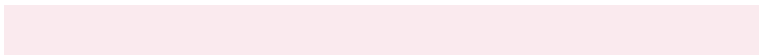
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5411, 0.3076, 0.3174



85.5411, 0.3145, 0.3201



85.5411, 0.3210, 0.3251

Triad

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



85.5411, 0.3145, 0.3201



85.5411, 0.3235, 0.3404



85.5411, 0.3003, 0.3266

Complementary

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



85.5411, 0.3145, 0.3201



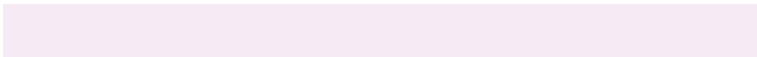
89.7032, 0.3110, 0.3381

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.



85.5411, 0.3044, 0.3329



85.5411, 0.3145, 0.3201



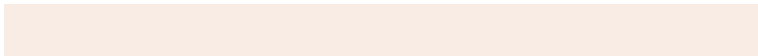
85.5411, 0.3178, 0.3409

Square

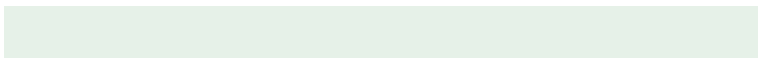
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



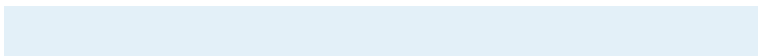
85.5411, 0.3145, 0.3201



85.5411, 0.3262, 0.3368



85.5411, 0.3108, 0.3382



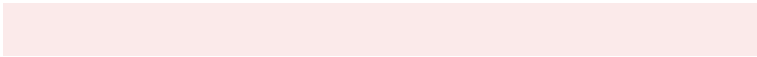
85.5411, 0.2994, 0.3211

Rectangle

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



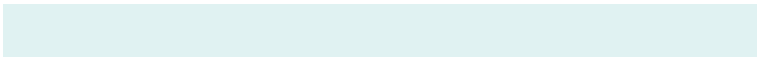
85.5411, 0.3145, 0.3201



85.5411, 0.3242, 0.3291



85.5411, 0.3108, 0.3382



85.5411, 0.3013, 0.3287

Sweetspot

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



85.5448, 0.3145, 0.3201



98.3533, 0.3131, 0.3270



84.0819, 0.3073, 0.3179



21.0690, 0.3131, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

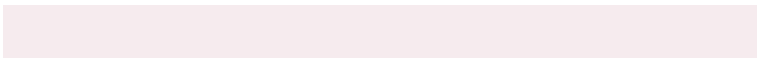
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5448, 0.3145, 0.3201



91.9816, 0.3147, 0.3190



85.2168, 0.3179, 0.3255



17.8224, 0.3150, 0.3177



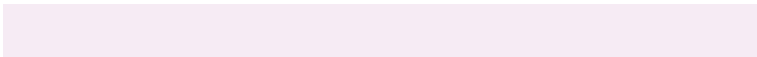
12.7110, 0.3743, 0.1836



1.1305, 0.3664, 0.1792

Inverse Universe

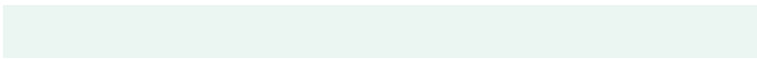
The Inverse Universe completely reimagines the original color for something new.



85.5448, 0.3145, 0.3201



91.9816, 0.3147, 0.3190



90.0286, 0.3078, 0.3325



17.8224, 0.3150, 0.3177



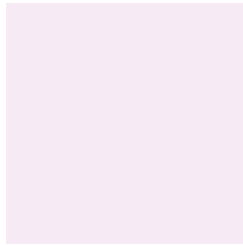
12.7110, 0.3743, 0.1836



1.1305, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 85.5411, 0.3145, 0.3201 looks on a white background.

Color Contrast Check

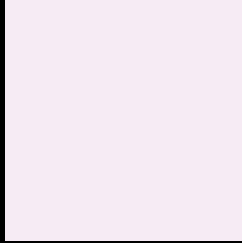
Large Text (above 18pt) WCAG AA × Fail

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 85.5411, 0.3145, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

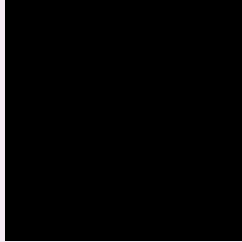
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

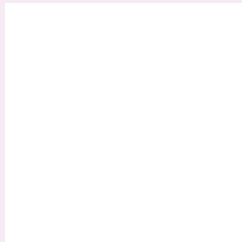
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.5411, 0.3145, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 85.5411, 0.3145, 0.3201.

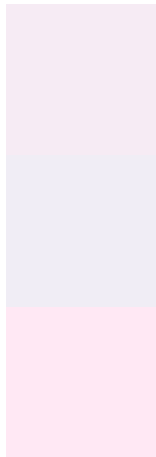


This preview shows how white text looks on a background with the Yxy color 85.5411, 0.3145, 0.3201.

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

85.5411, 0.3145, 0.3201

Protanopia

85.6862, 0.3098, 0.3210

Deuteranopia

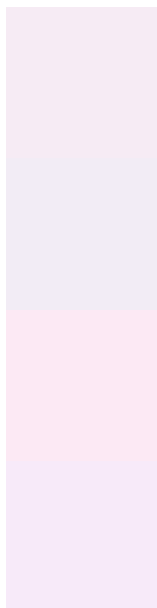
85.5049, 0.3207, 0.3173



Tritanopia

85.6481, 0.3102, 0.3113

Trichromacy



Original Color

85.5411, 0.3145, 0.3201

Protanomaly

85.4607, 0.3111, 0.3200

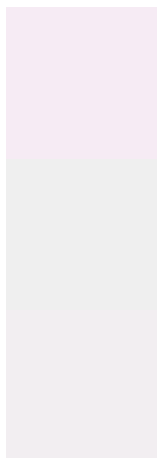
Deuteranomaly

85.5049, 0.3186, 0.3182

Tritanomaly

85.4593, 0.3121, 0.3142

Monochromacy



Original Color

85.5411, 0.3145, 0.3201

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.3772, 0.3135, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.5411, 0.3145, 0.3201 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(246, 235, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 235, 244)  
}
```

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(246, 235, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 235, 244) }
```

Border

The CSS property to change the border of an element to Yxy 85.5411, 0.3145, 0.3201 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(246, 235, 244) }
```

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

```
.border{ border-color:rgb(246, 235, 244) }
```

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

Here you see how a box with a 4 pixel rgb(246, 235, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 235, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 235, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 235,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 85.5411, 0.3145, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 235, 244) }
```

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

```
.background{ background-color: rgb(246,  
235, 244) }
```

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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