

Converting Colors

$Y_{xy}(85.2711, 0.3163, 0.3240)$

Have a look what the booklet for
Yxy(85.2711, 0.3163, 0.3240)
contains.

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Color

Yxy(85.1204, 0.3163, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	F5EBF0
RGB	245, 235, 240
RGB Percent	96%, 92%, 94%
CMY	0.0392, 0.0784, 0.0588
CMYK	0.00, 0.04, 0.02, 0.04
HSL	330°, 33%, 94%
HSV	330°, 4%, 96%
XYZ	83.0975, 85.1204, 94.4994
YIQ	238.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

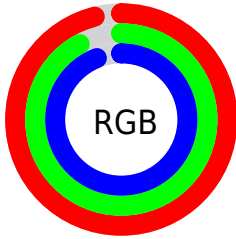
Format	Color
R _Y B	245, 235, 240
Decimal	16116720
CIE Lab	93.93, 4.24, -1.23
CIE LCh	94, 4.419, 343.821
Yxy	85.1204, 0.3163, 0.3240
Android (android.graphics.Color)	4294306800 (0xFF5EBF0)
YUV	238.5600, 0.7099, 5.6479
Hunter-Lab	92.2607, -0.6847, 3.8538

Details

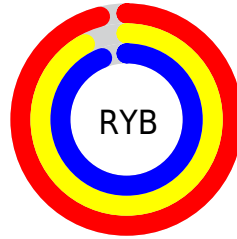
The Yxy color **85.1204, 0.3163, 0.3240** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89.2663, 0.3093, 0.3341**, and the grayscale version is **85.9527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5197, 0.3173, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **71.3446, 0.3263, 0.3112**, and if you desaturate by 10%, it is **97.9787, 0.3081, 0.3317**.

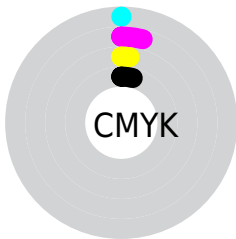
Distribution



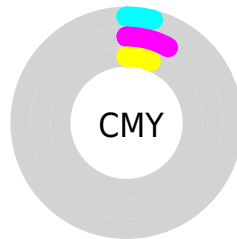
- Red (96%)
- Green (92%)
- Blue (94%)



- Red (96%)
- Yellow (92%)
- Blue (94%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.1204, 0.3163, 0.3240 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 85.1204, 0.3163, 0.3240 by changing the saturation by 10% instead.


 85.1204, 0.3163,
0.3240

 85.1204, 0.3163,
0.3240


512.0264, 0.3147,
0.3263

 63.9409, 0.3167,
0.3235


140.5414, 0.3158,
0.3248

 46.6028, 0.3171,
0.3229


175.5516, 0.3155,
0.3251

 32.7218, 0.3176,
0.3221


215.9409, 0.3154,
0.3253

 21.9134, 0.3183,
0.3212

262.0936, 0.3152,
0.3256

 13.7933, 0.3193,
0.3199

314.3941, 0.3150,
0.3258

 7.9770, 0.3205,
0.3181

373.2268, 0.3149,

 4.0802, 0.3225,

0.3259

0.3154

438.9761, 0.3148,
0.3261

■ 1.7186, 0.3257,
0.3109

■ 0.4356, 0.3420,
0.2878

■ 85.1204, 0.3163,
0.3240

■ 85.1204, 0.3163,
0.3240

■ 71.3446, 0.3263,
0.3112

■ 97.9787, 0.3081,
0.3317

■ 59.4669, 0.3384,
0.2979

■ 98.1549, 0.3066,
0.3290

■ 49.4061, 0.3529,
0.2844

■ 41.0709, 0.3700,
0.2712

■ 34.3620, 0.3897,
0.2594

■ 29.1700, 0.4119,
0.2499

■ 25.3715, 0.4360,
0.2440

■ 22.8239, 0.4610,
0.2431

■ 21.3528, 0.4854,
0.2476

Harmonies

Analogous

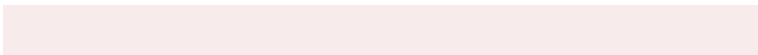
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1204, 0.3112, 0.3212



85.1204, 0.3163, 0.3240



85.1204, 0.3205, 0.3282

Triad

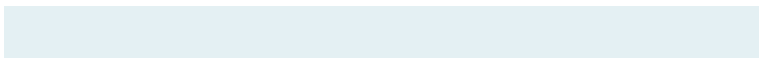
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1204, 0.3163, 0.3240



85.1204, 0.3189, 0.3378



85.1204, 0.3030, 0.3253

Complementary

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



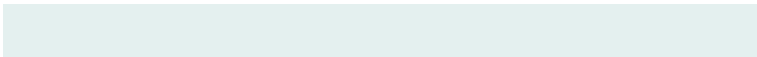
85.1204, 0.3163, 0.3240



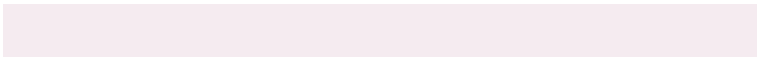
89.2663, 0.3093, 0.3341

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.



85.1204, 0.3050, 0.3298



85.1204, 0.3163, 0.3240



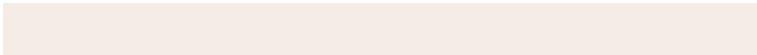
85.1204, 0.3142, 0.3370

Square

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



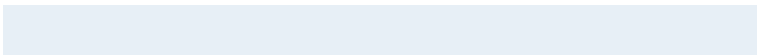
85.1204, 0.3163, 0.3240



85.1204, 0.3220, 0.3361



85.1204, 0.3091, 0.3341



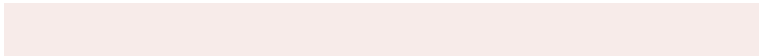
85.1204, 0.3036, 0.3219

Rectangle

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



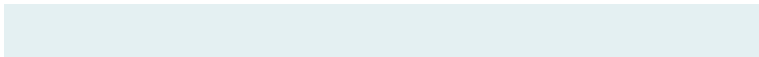
85.1204, 0.3163, 0.3240



85.1204, 0.3221, 0.3312



85.1204, 0.3091, 0.3341



85.1204, 0.3034, 0.3268

Sweetspot

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



85.1241, 0.3163, 0.3240



98.3021, 0.3136, 0.3278



84.5077, 0.3098, 0.3189



21.0586, 0.3135, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

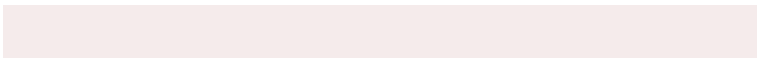
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.1241, 0.3163, 0.3240



91.7301, 0.3171, 0.3229



84.8397, 0.3194, 0.3289



17.7666, 0.3178, 0.3220



11.2525, 0.4957, 0.2504



1.0097, 0.4678, 0.2351

Inverse Universe

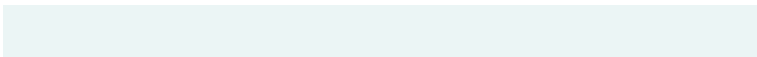
The Inverse Universe completely reimagines the original color for something new.



85.1241, 0.3163, 0.3240



91.7301, 0.3171, 0.3229



89.5584, 0.3064, 0.3292



17.7666, 0.3178, 0.3220



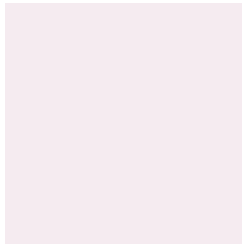
11.2525, 0.4957, 0.2504



1.0097, 0.4678, 0.2351

Previews

White Background



This preview shows how the Yxy color 85.1204, 0.3163, 0.3240 looks on a white background.

Color Contrast Check

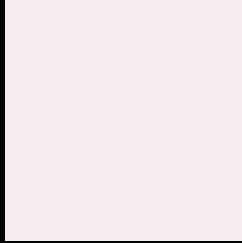
Large Text (above 18pt) WCAG AA × Fail

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 85.1204, 0.3163, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

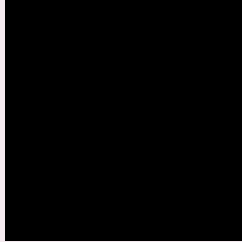
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

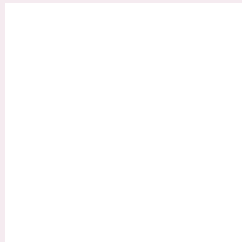
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.1204, 0.3163, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 85.1204, 0.3163, 0.3240.

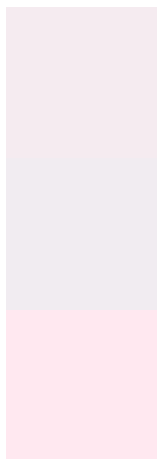


This preview shows how white text looks on a background with the Yxy color 85.1204, 0.3163, 0.3240.

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

85.1204, 0.3163, 0.3240

Protanopia

85.0426, 0.3130, 0.3240

Deuteranopia

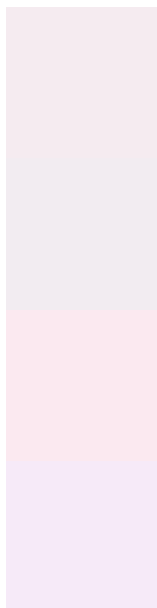
85.2645, 0.3233, 0.3212



Tritanopia

85.0803, 0.3103, 0.3103

Trichromacy



Original Color

85.1204, 0.3163, 0.3240

Protanomaly

85.2190, 0.3136, 0.3240

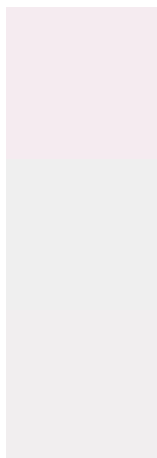
Deuteranomaly

85.0783, 0.3205, 0.3221

Tritanomaly

85.2158, 0.3120, 0.3152

Monochromacy



Original Color

85.1204, 0.3163, 0.3240

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.0818, 0.3141, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.1204, 0.3163, 0.3240 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(245, 235, 240)` looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 240)  
}
```

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(245, 235, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 240) }
```

Border

The CSS property to change the border of an element to Yxy 85.1204, 0.3163, 0.3240 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(245, 235, 240) }
```

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

```
.border{ border-color:rgb(245, 235, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 85.1204, 0.3163, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 240) }
```

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

```
.background{ background-color: rgb(245,  
235, 240) }
```

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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