

Converting Colors

$Yxy(85.3278, 0.3037, 0.3229)$

Have a look what the booklet for
Yxy(85.3278, 0.3037, 0.3229)
contains.

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Color

Yxy(85.3145, 0.3039, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	E7EFF5
RGB	231, 239, 245
RGB Percent	91%, 94%, 96%
CMY	0.0942, 0.0627, 0.0393
CMYK	0.06, 0.02, 0.00, 0.04
HSL	206°, 41%, 93%
HSV	206°, 6%, 96%
XYZ	80.2944, 85.3145, 98.6044
YIQ	237.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

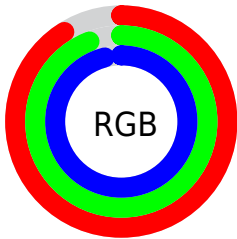
Format	Color
R _Y B	231, 236, 245
Decimal	15200245
CIE Lab	94.02, -1.55, -3.81
CIE LCh	94, 4.115, 247.817
Yxy	85.3145, 0.3039, 0.3229
Android (android.graphics.Color)	4293390325 (0xFFE7EFF5)
YUV	237.2920, 3.8000, -5.5181
Hunter-Lab	92.3658, -6.4686, 1.3615

Details

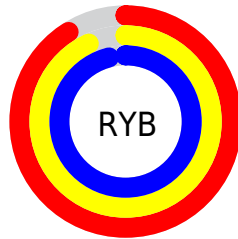
The Yxy color **85.3145, 0.3039, 0.3229** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7125, 0.3218, 0.3350**, and the grayscale version is **84.8977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6551, 0.3014, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **75.5872, 0.2881, 0.3113**, and if you desaturate by 10%, it is **95.8821, 0.3189, 0.3333**.

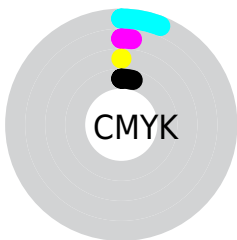
Distribution



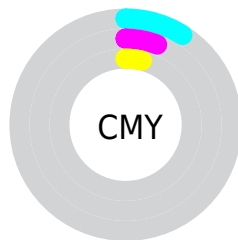
- Red (91%)
- Green (94%)
- Blue (96%)



- Red (91%)
- Yellow (93%)
- Blue (96%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.3145, 0.3039, 0.3229 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 85.3145, 0.3039, 0.3229 by changing the saturation by 10% instead.

85.3145, 0.3039,
0.3229

85.3145, 0.3039,
0.3229

512.6682, 0.3079,
0.3257

64.1013, 0.3030,
0.3223

140.8125, 0.3053,
0.3238

46.7327, 0.3019,
0.3215

175.8661, 0.3058,
0.3242

32.8244, 0.3006,
0.3206

216.3019, 0.3062,
0.3245

21.9920, 0.2989,
0.3194

262.5043, 0.3066,
0.3248

13.8510, 0.2966,
0.3178

314.8577, 0.3070,
0.3251

8.0171, 0.2934,
0.3155

373.7466, 0.3073,

4.1059, 0.2887,

0.3253

439.5553, 0.3076,
0.3255

0.3121

1.7330, 0.2808,
0.3064

0.4449, 0.2435,
0.2815

85.3145, 0.3039,
0.3229

85.3145, 0.3039,
0.3229

75.5872, 0.2881,
0.3113

95.8821, 0.3189,
0.3333

66.7502, 0.2722,
0.2984

99.3714, 0.3185,
0.3386

58.7759, 0.2563,
0.2844

51.6309, 0.2409,
0.2693

■ 45.2791, 0.2264,
0.2534

■ 39.6812, 0.2133,
0.2368

■ 34.7932, 0.2020,
0.2200

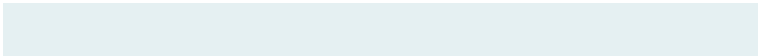
■ 30.5650, 0.1928,
0.2034

■ 26.9356, 0.1860,
0.1873

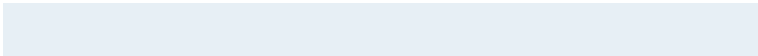
Harmonies

Analogous

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



85.3145, 0.3039, 0.3264



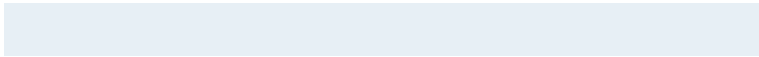
85.3145, 0.3039, 0.3229



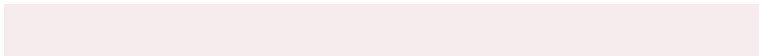
85.3145, 0.3063, 0.3211

Triad

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



85.3145, 0.3039, 0.3229



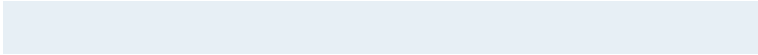
85.3145, 0.3193, 0.3274



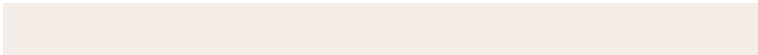
85.3145, 0.3150, 0.3368

Complementary

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



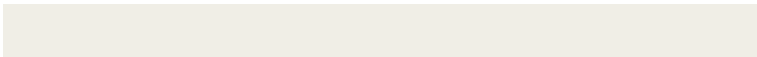
85.3145, 0.3039, 0.3229



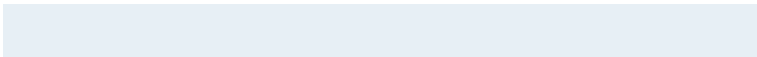
85.7125, 0.3218, 0.3350

Split Complementary

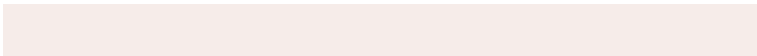
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3145, 0.3192, 0.3370



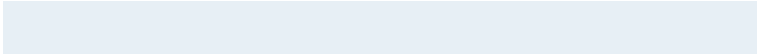
85.3145, 0.3039, 0.3229



85.3145, 0.3217, 0.3316

Square

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



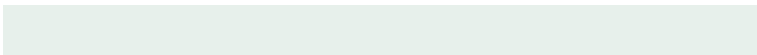
85.3145, 0.3039, 0.3229



85.3145, 0.3151, 0.3237



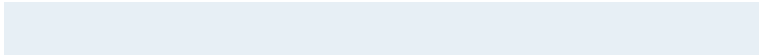
85.3145, 0.3216, 0.3351



85.3145, 0.3103, 0.3344

Rectangle

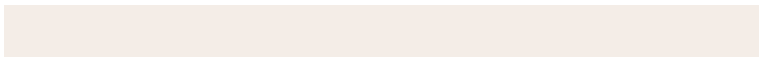
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.3145, 0.3039, 0.3229



85.3145, 0.3089, 0.3211



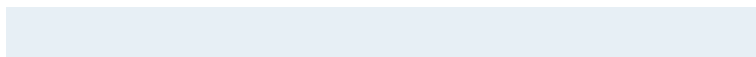
85.3145, 0.3216, 0.3351



85.3145, 0.3165, 0.3371

Sweetspot

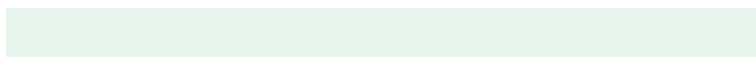
The Sweet Spot groups the original color and five complimentary colors.



85.3181, 0.3039, 0.3229



97.6671, 0.3096, 0.3269



88.3814, 0.3086, 0.3373



20.9293, 0.3098, 0.3270



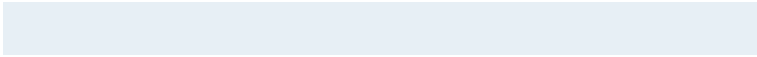
0.0000, 0.0000, 0.0000



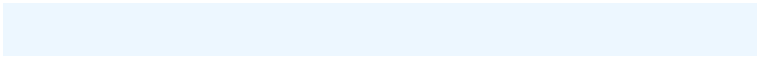
21.4041, 0.3127, 0.3290

Same Dimension

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



85.3181, 0.3039, 0.3229



92.0140, 0.3019, 0.3215



81.3710, 0.3040, 0.3158



17.9106, 0.3010, 0.3208



14.0348, 0.1842, 0.1831



1.4371, 0.1898, 0.2031

Inverse Universe

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



82.7809, 0.3172, 0.3210



88.6551, 0.3182, 0.3191



89.7662, 0.3213, 0.3418



17.2033, 0.3187, 0.3183



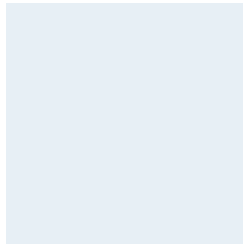
11.5162, 0.4649, 0.2335



1.0327, 0.4418, 0.2208

Previews

White Background



This preview shows how the Yxy color 85.3145, 0.3039, 0.3229 looks on a white background.

Color Contrast Check

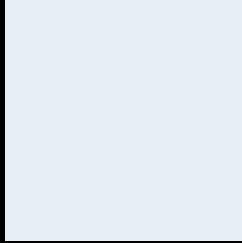
Large Text (above 18pt) WCAG AA × Fail

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 85.3145, 0.3039, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

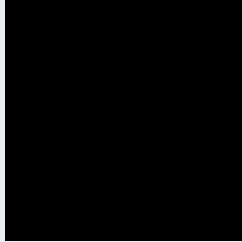
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

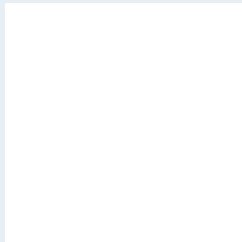
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.3145, 0.3039, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 85.3145, 0.3039, 0.3229.

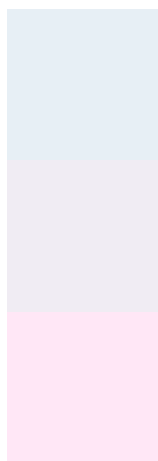


This preview shows how white text looks on a background with the Yxy color 85.3145, 0.3039, 0.3229.

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

85.3145, 0.3039, 0.3229

Protanopia

84.9872, 0.3111, 0.3220

Deuteranopia

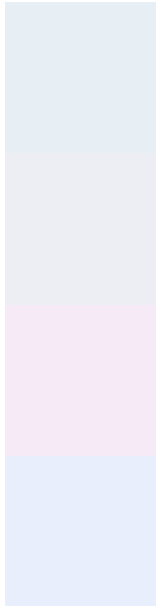
85.0656, 0.3195, 0.3144



Tritanopia

85.1120, 0.2993, 0.3109

Trichromacy



Original Color

85.3145, 0.3039, 0.3229

Protanomaly

85.1046, 0.3084, 0.3219

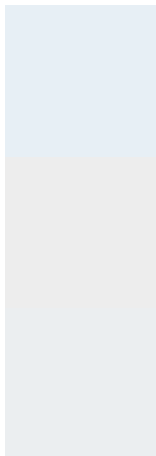
Deuteranomaly

85.0923, 0.3133, 0.3171

Tritanomaly

85.2699, 0.3010, 0.3158

Monochromacy



Original Color

85.3145, 0.3039, 0.3229

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.1025, 0.3095, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3145, 0.3039, 0.3229 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(231, 239, 245)` looks like.

```
.text, #text, p{  
    color:rgb(231, 239, 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(231, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 239, 245) }
```

Border

The CSS property to change the border of an element to Yxy 85.3145, 0.3039, 0.3229 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(231, 239, 245) }
```

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

```
.border{ border-color:rgb(231, 239, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 239, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 239, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 239, 245);  
box-shadow:4px 4px 4px 4px rgb(231, 239,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3145, 0.3039, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 239, 245) }
```

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

```
.background{ background-color: rgb(231,  
239, 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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