

Converting Colors

Yxy(85.8591, 0.3039, 0.3155)

Have a look what the booklet for
Yxy(85.8591, 0.3039, 0.3155)
contains.

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Color

Yxy(86.1186, 0.3042, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	EDEEFB
RGB	237, 238, 251
RGB Percent	93%, 93%, 98%
CMY	0.0707, 0.0666, 0.0157
CMYK	0.06, 0.05, 0.00, 0.02
HSL	236°, 64%, 96%
HSV	236°, 6%, 98%
XYZ	82.9028, 86.1186, 103.5058
YIQ	239.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

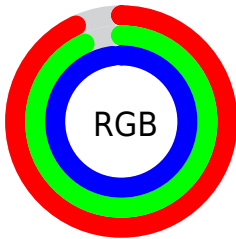
Format	Color
R _Y B	237, 238, 251
Decimal	15593211
CIE Lab	94.36, 2.02, -6.37
CIE LCh	94, 6.685, 287.631
Yxy	86.1186, 0.3042, 0.3160
Android (android.graphics.Color)	4293783291 (0xFFEDEFB)
YUV	239.1830, 5.8258, -1.9145
Hunter-Lab	92.8001, -2.9376, -1.1698

Details

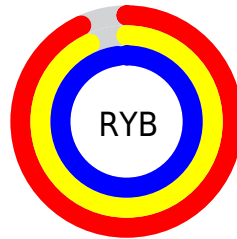
The Yxy color **86.1186, 0.3042, 0.3160** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94.9539, 0.3211, 0.3417**, and the grayscale version is **86.4218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2198, 0.3018, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **69.4345, 0.2875, 0.2902**, and if you desaturate by 10%, it is **99.7441, 0.3150, 0.3328**.

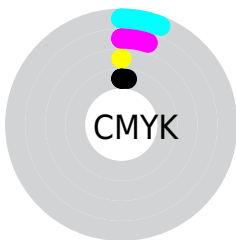
Distribution



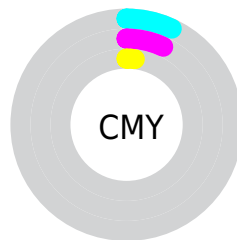
- Red (93%)
- Green (93%)
- Blue (98%)



- Red (93%)
- Yellow (93%)
- Blue (98%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.1186, 0.3042, 0.3160 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 86.1186, 0.3042, 0.3160 by changing the saturation by 10% instead.

86.1186, 0.3042,
0.3160

86.1186, 0.3042,
0.3160

515.3222, 0.3080,
0.3218

64.7661, 0.3033,
0.3147

141.9350, 0.3055,
0.3180

47.2714, 0.3023,
0.3132

177.1676, 0.3060,
0.3188

33.2503, 0.3010,
0.3112

217.7957, 0.3065,
0.3194

22.3182, 0.2993,
0.3087

264.2037, 0.3069,
0.3200

14.0909, 0.2971,
0.3054

316.7759, 0.3072,
0.3206

8.1839, 0.2940,
0.3009

375.8968, 0.3075,

4.2129, 0.2894,

0.3210

0.2941

441.9508, 0.3078,
0.3214

■ 1.7933, 0.2818,
0.2831

■ 0.4830, 0.2591,
0.2461

■ 86.1186, 0.3042,
0.3160

■ 86.1186, 0.3042,
0.3160

■ 69.4345, 0.2875,
0.2902

99.7441, 0.3150,
0.3328

■ 55.0054, 0.2689,
0.2613

■ 42.7378, 0.2488,
0.2296

■ 32.5274, 0.2279,
0.1961

■ 24.2613, 0.2071,
0.1622

■ 17.8158, 0.1879,
0.1302

■ 13.0528, 0.1716,
0.1023

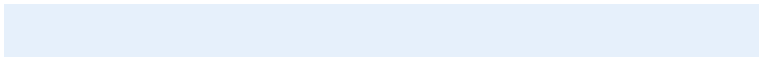
■ 9.8144, 0.1597,
0.0809

■ 7.9120, 0.1528,
0.0672

Harmonies

Analogous

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



86.1186, 0.2993, 0.3178



86.1186, 0.3042, 0.3160



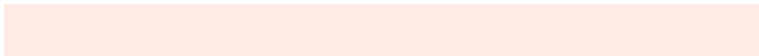
86.1186, 0.3114, 0.3176

Triad

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



86.1186, 0.3042, 0.3160



86.1186, 0.3277, 0.3351



86.1186, 0.3064, 0.3360

Complementary

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



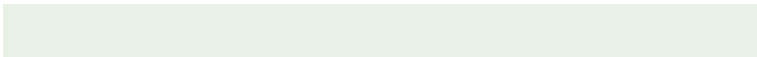
86.1186, 0.3042, 0.3160



94.9539, 0.3211, 0.3417

Split Complementary

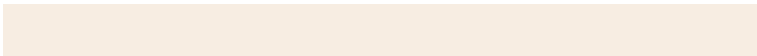
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1186, 0.3139, 0.3408



86.1186, 0.3042, 0.3160



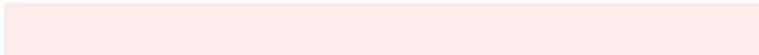
86.1186, 0.3263, 0.3402

Square

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



86.1186, 0.3042, 0.3160



86.1186, 0.3250, 0.3286



86.1186, 0.3212, 0.3423



86.1186, 0.3006, 0.3293

Rectangle

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



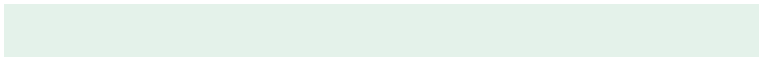
86.1186, 0.3042, 0.3160



86.1186, 0.3166, 0.3204



86.1186, 0.3212, 0.3423



86.1186, 0.3088, 0.3379

Sweetspot

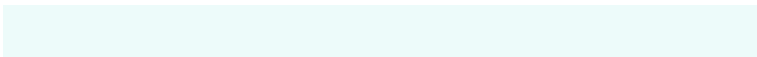
The Sweet Spot groups the original color and five complimentary colors.



86.1223, 0.3042, 0.3160



96.0707, 0.3097, 0.3245



93.8752, 0.3047, 0.3301



20.6043, 0.3099, 0.3247



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.



86.1223, 0.3042, 0.3160



86.6787, 0.3019, 0.3125



86.5377, 0.3080, 0.3151



17.5424, 0.3010, 0.3111



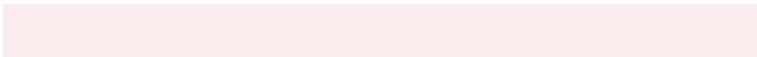
3.9765, 0.1513, 0.0646



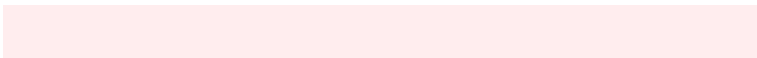
0.4380, 0.1543, 0.0753

Inverse Universe

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



87.2329, 0.3214, 0.3280



88.1165, 0.3238, 0.3277



94.5364, 0.3172, 0.3428



17.8611, 0.3249, 0.3276



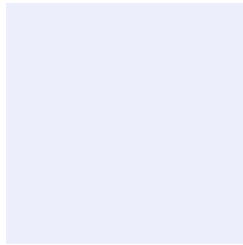
10.8123, 0.6322, 0.3257



1.0084, 0.6145, 0.3159

Previews

White Background



This preview shows how the Yxy color 86.1186, 0.3042, 0.3160 looks on a white background.

Color Contrast Check

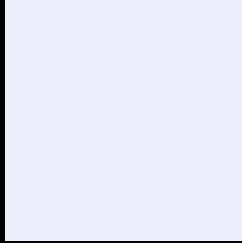
Large Text (above 18pt) WCAG AA × Fail

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 86.1186, 0.3042, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

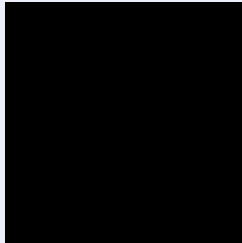
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.1186, 0.3042, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 86.1186, 0.3042, 0.3160.



This preview shows how white text looks on a background with the Yxy color 86.1186, 0.3042, 0.3160.

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

86.1186, 0.3042, 0.3160

Protanopia

85.8841, 0.3055, 0.3150

Deuteranopia

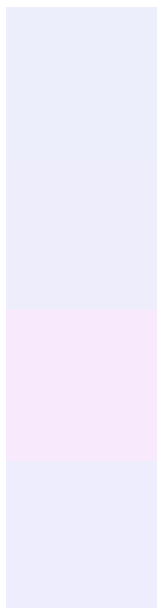
86.0015, 0.3156, 0.3096



Tritanopia

85.9655, 0.3025, 0.3111

Trichromacy



Original Color

86.1186, 0.3042, 0.3160

Protanomaly

85.7106, 0.3049, 0.3150

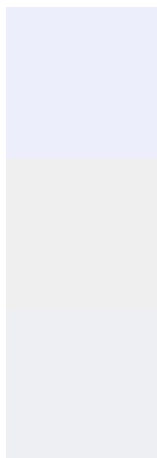
Deuteranomaly

85.8304, 0.3109, 0.3113

Tritanomaly

85.9013, 0.3031, 0.3120

Monochromacy



Original Color

86.1186, 0.3042, 0.3160

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.3812, 0.3096, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1186, 0.3042, 0.3160 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(237, 238, 251)` looks like.

```
.text, #text, p{  
    color:rgb(237, 238, 251)  
}
```

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(237, 238, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 238, 251) }
```

Border

The CSS property to change the border of an element to Yxy 86.1186, 0.3042, 0.3160 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(237, 238, 251) }
```

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

```
.border{ border-color:rgb(237, 238, 251) }
```

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

Here you see how a box with a 4 pixel rgb(237, 238, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 238, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 238, 251);  
box-shadow:4px 4px 4px 4px rgb(237, 238,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1186, 0.3042, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 238, 251) }
```

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

```
.background{ background-color: rgb(237,  
238, 251) }
```

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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