

Converting Colors

Yxy(86.5161, 0.3002, 0.3209)

Have a look what the booklet for
Yxy(86.5161, 0.3002, 0.3209)
contains.

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Color

Yxy(86.4082, 0.3003, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	E5F1F9
RGB	229, 241, 249
RGB Percent	90%, 95%, 98%
CMY	0.1017, 0.0550, 0.0234
CMYK	0.08, 0.03, 0.00, 0.02
HSL	204°, 63%, 94%
HSV	204°, 8%, 98%
XYZ	80.8865, 86.4082, 102.0576
YIQ	238.3240, -9.7200, -0.0560

Conversions

Conversions Part 2

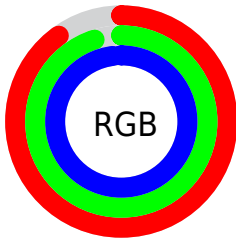
Format	Color
R _Y B	229, 237, 249
Decimal	15069689
CIE Lab	94.49, -2.41, -5.24
CIE LCh	94, 5.765, 245.261
Yxy	86.4082, 0.3003, 0.3208
Android (android.graphics.Color)	4293259769 (0xFFE5F1F9)
YUV	238.3240, 5.2633, -8.1771
Hunter-Lab	92.9560, -7.3497, -0.0260

Details

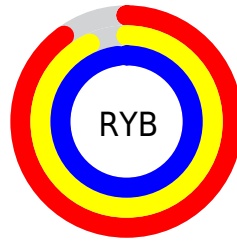
The Yxy color **86.4082, 0.3003, 0.3208** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4388, 0.3258, 0.3371**, and the grayscale version is **85.7392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4324, 0.2969, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **76.8253, 0.2845, 0.3095**, and if you desaturate by 10%, it is **96.9133, 0.3157, 0.3309**.

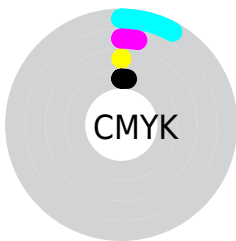
Distribution



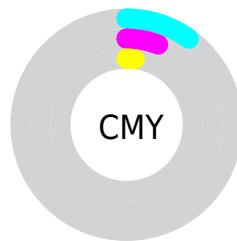
- Red (90%)
- Green (95%)
- Blue (98%)



- Red (90%)
- Yellow (93%)
- Blue (98%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.4082, 0.3003, 0.3208 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 86.4082, 0.3003, 0.3208 by changing the saturation by 10% instead.

86.4082, 0.3003,
0.3208

86.4082, 0.3003,
0.3208

516.2762, 0.3059,
0.3245

65.0056, 0.2991,
0.3200

142.3390, 0.3022,
0.3221

47.4656, 0.2976,
0.3190

177.6359, 0.3029,
0.3226

33.4039, 0.2957,
0.3177

218.3331, 0.3036,
0.3230

22.4360, 0.2933,
0.3161

264.8149, 0.3042,
0.3234

14.1776, 0.2902,
0.3139

317.4657, 0.3047,
0.3237

8.2443, 0.2858,
0.3109

376.6700, 0.3051,

4.2517, 0.2793,

0.3240

0.3063

442.8120, 0.3055,
0.3243

■ 1.8153, 0.2686,
0.2988

■ 0.4967, 0.2274,
0.2734

■ 86.4082, 0.3003,
0.3208

■ 86.4082, 0.3003,
0.3208

■ 76.8253, 0.2845,
0.3095

■ 96.9133, 0.3157,
0.3309

■ 68.1236, 0.2686,
0.2971

■ 99.6212, 0.3162,
0.3347

■ 60.2747, 0.2530,
0.2837

■ 53.2442, 0.2380,
0.2692

■ 46.9952, 0.2242,
0.2540

■ 41.4866, 0.2118,
0.2384

■ 36.6727, 0.2013,
0.2225

■ 32.5002, 0.1930,
0.2068

■ 28.8988, 0.1868,
0.1916

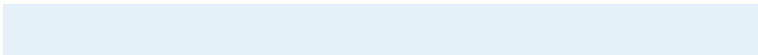
Harmonies

Analogous

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



86.4082, 0.3006, 0.3258



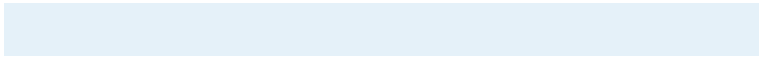
86.4082, 0.3003, 0.3208



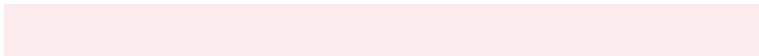
86.4082, 0.3033, 0.3181

Triad

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



86.4082, 0.3003, 0.3208



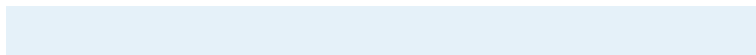
86.4082, 0.3215, 0.3263



86.4082, 0.3165, 0.3400

Complementary

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



86.4082, 0.3003, 0.3208



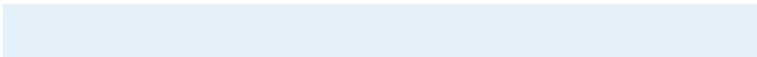
86.4388, 0.3258, 0.3371

Split Complementary

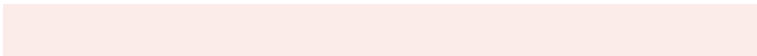
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4082, 0.3221, 0.3401



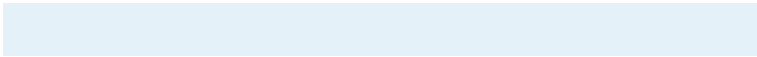
86.4082, 0.3003, 0.3208



86.4082, 0.3250, 0.3320

Square

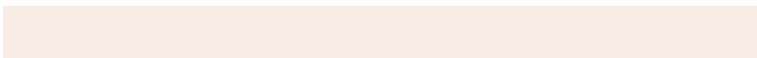
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



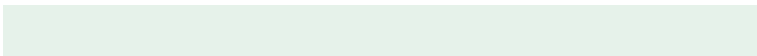
86.4082, 0.3003, 0.3208



86.4082, 0.3155, 0.3212



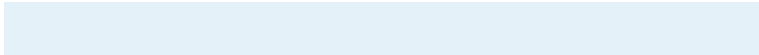
86.4082, 0.3253, 0.3371



86.4082, 0.3098, 0.3370

Rectangle

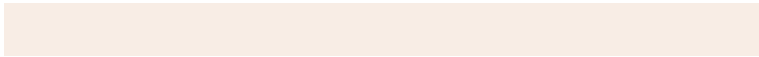
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.4082, 0.3003, 0.3208



86.4082, 0.3068, 0.3179



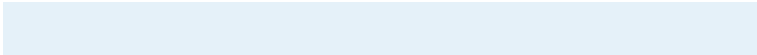
86.4082, 0.3253, 0.3371



86.4082, 0.3186, 0.3404

Sweetspot

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



86.4118, 0.3003, 0.3208



97.7412, 0.3096, 0.3270



90.5544, 0.3071, 0.3412



20.9444, 0.3098, 0.3271



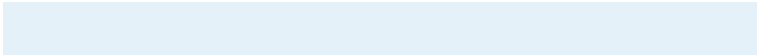
0.0000, 0.0000, 0.0000



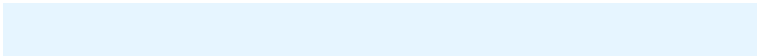
21.4041, 0.3127, 0.3290

Same Dimension

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



86.4118, 0.3003, 0.3208



89.0982, 0.2972, 0.3186



80.6994, 0.3003, 0.3106



18.3665, 0.2980, 0.3192



15.3949, 0.1864, 0.1911



1.6336, 0.1915, 0.2092

Inverse Universe

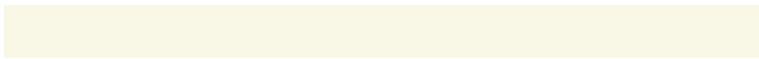
The Inverse Universe completely reimagines the original color for something new.



82.5719, 0.3188, 0.3172



84.1514, 0.3204, 0.3141



92.3456, 0.3248, 0.3468



17.3992, 0.3200, 0.3149



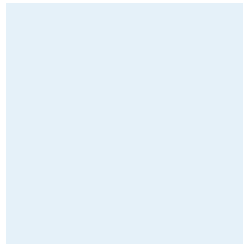
11.9650, 0.4555, 0.2283



1.1291, 0.4350, 0.2170

Previews

White Background



This preview shows how the Yxy color 86.4082, 0.3003, 0.3208 looks on a white background.

Color Contrast Check

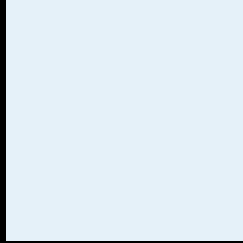
Large Text (above 18pt) WCAG AA × Fail

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 86.4082, 0.3003, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

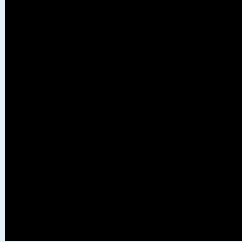
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

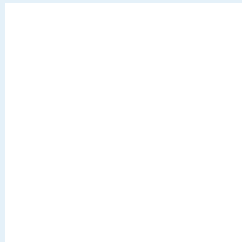
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4082, 0.3003, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 86.4082, 0.3003, 0.3208.

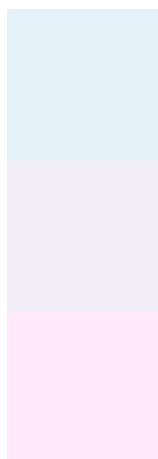


This preview shows how white text looks on a background with the Yxy color 86.4082, 0.3003, 0.3208.

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

86.4082, 0.3003, 0.3208

Protanopia

86.5652, 0.3092, 0.3200

Deuteranopia

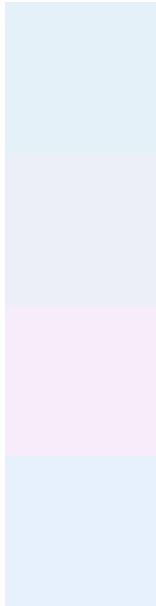
86.4400, 0.3168, 0.3125



Tritanopia

86.1088, 0.2987, 0.3129

Trichromacy



Original Color

86.4082, 0.3003, 0.3208

Protanomaly

86.5148, 0.3060, 0.3200

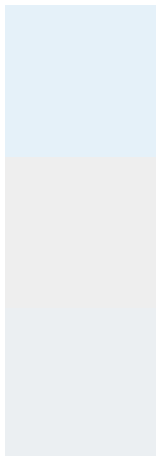
Deuteranomaly

86.4859, 0.3107, 0.3152

Tritanomaly

86.4009, 0.2992, 0.3159

Monochromacy



Original Color

86.4082, 0.3003, 0.3208

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.8060, 0.3083, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4082, 0.3003, 0.3208 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(229, 241, 249)` looks like.

```
.text, #text, p{  
    color:rgb(229, 241, 249)  
}
```

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(229, 241, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 241, 249) }
```

Border

The CSS property to change the border of an element to Yxy 86.4082, 0.3003, 0.3208 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(229, 241, 249) }
```

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

```
.border{ border-color:rgb(229, 241, 249) }
```

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

Here you see how a box with a 4 pixel rgb(229, 241, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 241, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 241, 249);  
box-shadow:4px 4px 4px 4px rgb(229, 241,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4082, 0.3003, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 241, 249) }
```

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

```
.background{ background-color: rgb(229,  
241, 249) }
```

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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