

Converting Colors

Yxy(86.4564, 0.3000, 0.3249)

Have a look what the booklet for
Yxy(86.4564, 0.3000, 0.3249)
contains.

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Color

Yxy(86.3268, 0.3001, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	E2F2F6
RGB	226, 242, 246
RGB Percent	89%, 95%, 96%
CMY	0.1139, 0.0509, 0.0353
CMYK	0.08, 0.02, 0.00, 0.04
HSL	192°, 53%, 93%
HSV	192°, 8%, 96%
XYZ	79.7374, 86.3268, 99.6385
YIQ	237.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

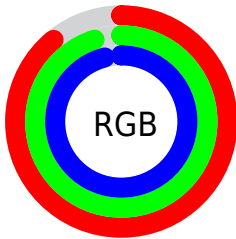
Format	Color
R _{YB}	226, 235, 246
Decimal	14873334
CIE _{Lab}	94.45, -4.52, -3.74
CIE _{LCh}	94, 5.863, 219.600
Y _{xy}	86.3268, 0.3001, 0.3249
Android (android.graphics.Color)	4293063414 (0xFFE2F2F6)
Y _{UV}	237.6720, 4.1057, -10.2363
Hunter-Lab	92.9122, -9.4075, 1.4563

Details

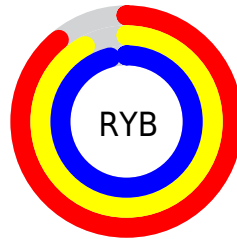
The Yxy color **86.3268, 0.3001, 0.3249** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.6282, 0.3264, 0.3331**, and the grayscale version is **85.2034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4934, 0.2975, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **79.7740, 0.2849, 0.3194**, and if you desaturate by 10%, it is **93.5346, 0.3156, 0.3299**.

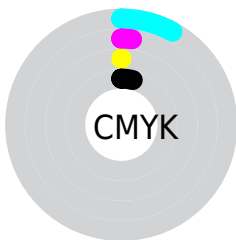
Distribution



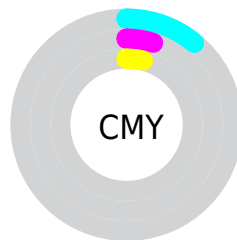
- Red (89%)
- Green (95%)
- Blue (96%)



- Red (89%)
- Yellow (92%)
- Blue (96%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)




- Cyan (11%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3268, 0.3001, 0.3249 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 86.3268, 0.3001, 0.3249 by changing the saturation by 10% instead.


 86.3268, 0.3001,
0.3249

 86.3268, 0.3001,
0.3249

516.0082, 0.3057,
0.3268

 64.9382, 0.2989,
0.3245


142.2254, 0.3020,
0.3255

 47.4110, 0.2973,
0.3240


177.5043, 0.3028,
0.3258

 33.3607, 0.2954,
0.3233


218.1821, 0.3034,
0.3260

 22.4029, 0.2930,
0.3225

264.6431, 0.3040,
0.3262

 14.1532, 0.2898,
0.3213

317.2719, 0.3045,
0.3264

 8.2273, 0.2853,
0.3197

376.4527, 0.3050,

 4.2408, 0.2787,

0.3265

0.3173

442.5700, 0.3054,
0.3267

■ 1.8091, 0.2679,
0.3131

■ 0.4929, 0.2172,
0.2989

■ 86.3268, 0.3001,
0.3249

■ 86.3268, 0.3001,
0.3249

■ 79.7740, 0.2849,
0.3194

■ 93.5346, 0.3156,
0.3299

■ 73.8405, 0.2702,
0.3135

■ 97.3858, 0.3181,
0.3346

■ 68.5034, 0.2564,
0.3071

■ 99.4331, 0.3179,
0.3376

■ 63.7342, 0.2438,
0.3003

■ 59.5015, 0.2327,
0.2933

■ 55.7707, 0.2233,
0.2861

■ 52.5024, 0.2160,
0.2788

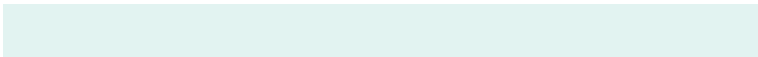
■ 49.6502, 0.2106,
0.2715

■ 47.1504, 0.2070,
0.2643

Harmonies

Analogous

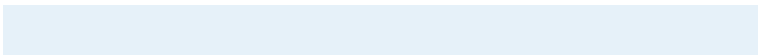
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3268, 0.3032, 0.3309



86.3268, 0.3001, 0.3249



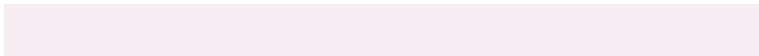
86.3268, 0.3003, 0.3201

Triad

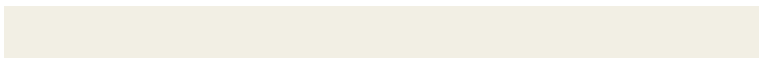
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3268, 0.3001, 0.3249



86.3268, 0.3165, 0.3217



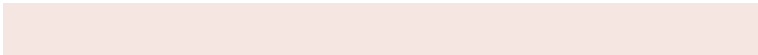
86.3268, 0.3216, 0.3405

Complementary

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



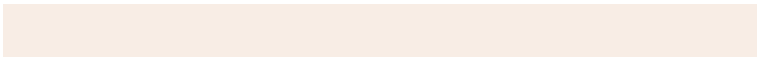
86.3268, 0.3001, 0.3249



81.6282, 0.3264, 0.3331

Split Complementary

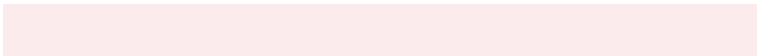
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3268, 0.3253, 0.3378



86.3268, 0.3001, 0.3249



86.3268, 0.3223, 0.3270

Square

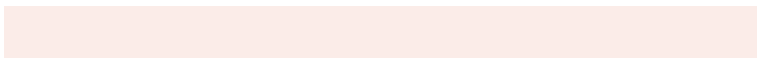
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3268, 0.3001, 0.3249



86.3268, 0.3098, 0.3183



86.3268, 0.3255, 0.3329



86.3268, 0.3156, 0.3400

Rectangle

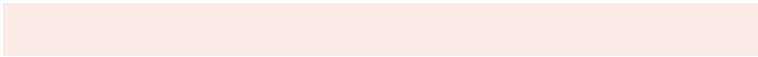
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



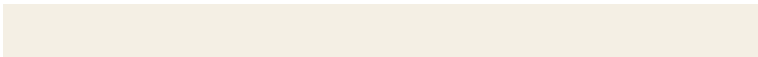
86.3268, 0.3001, 0.3249



86.3268, 0.3024, 0.3182



86.3268, 0.3255, 0.3329



86.3268, 0.3231, 0.3399

Sweetspot

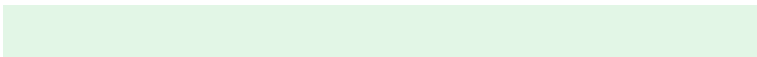
The Sweet Spot groups the original color and five complimentary colors.



86.3304, 0.3001, 0.3249



98.4028, 0.3096, 0.3280



87.7577, 0.3096, 0.3459



21.0790, 0.3098, 0.3281



0.0000, 0.0000, 0.0000



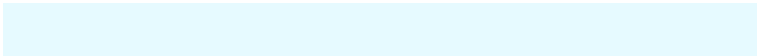
21.4041, 0.3127, 0.3290

Same Dimension

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



86.3304, 0.3001, 0.3249



92.3004, 0.2972, 0.3239



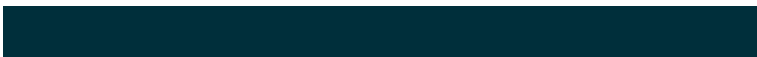
80.6944, 0.3001, 0.3148



18.1675, 0.2980, 0.3242



25.1361, 0.2067, 0.2641



2.3479, 0.2092, 0.2732

Inverse Universe

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



80.3692, 0.3162, 0.3129



84.4747, 0.3171, 0.3091



87.1897, 0.3254, 0.3428



16.7087, 0.3168, 0.3102



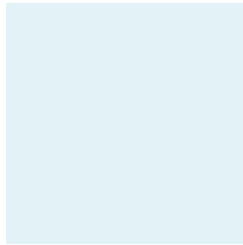
12.6369, 0.3784, 0.1858



1.1247, 0.3698, 0.1811

Previews

White Background



This preview shows how the Yxy color 86.3268, 0.3001, 0.3249 looks on a white background.

Color Contrast Check

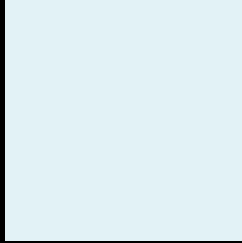
Large Text (above 18pt) WCAG AA × Fail

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 86.3268, 0.3001, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

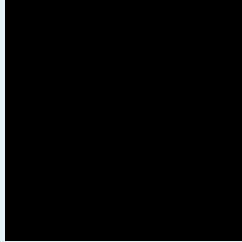
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

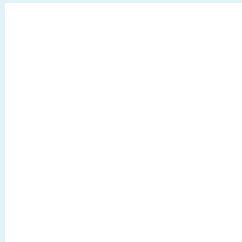
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3268, 0.3001, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 86.3268, 0.3001, 0.3249.

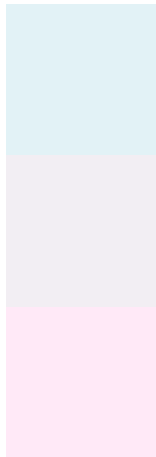


This preview shows how white text looks on a background with the Yxy color 86.3268, 0.3001, 0.3249.

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**

86.3268, 0.3001, 0.3249

Protanopia

86.4974, 0.3123, 0.3240

Deuteranopia

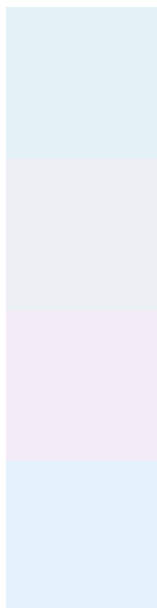
86.2532, 0.3187, 0.3154



Tritanopia

86.3632, 0.2974, 0.3139

Trichromacy



Original Color

86.3268, 0.3001, 0.3249

Protanomaly

86.0975, 0.3077, 0.3239

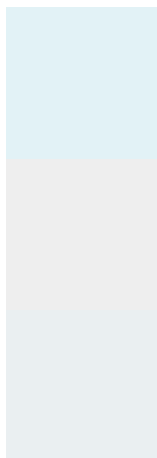
Deuteranomaly

85.9394, 0.3112, 0.3181

Tritanomaly

86.5969, 0.2985, 0.3178

Monochromacy



Original Color

86.3268, 0.3001, 0.3249

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.5763, 0.3082, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3268, 0.3001, 0.3249 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(226, 242, 246)` looks like.

```
.text, #text, p{  
    color:rgb(226, 242, 246)  
}
```

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(226, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 242, 246) }
```

Border

The CSS property to change the border of an element to Yxy 86.3268, 0.3001, 0.3249 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(226, 242, 246) }
```

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

```
.border{ border-color:rgb(226, 242, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 242, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(226, 242,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3268, 0.3001, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 242, 246) }
```

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

```
.background{ background-color: rgb(226,  
242, 246) }
```

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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