

Converting Colors

$Yxy(86.4674, 0.3027, 0.3287)$

Have a look what the booklet for
Yxy(86.4674, 0.3027, 0.3287)
contains.

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Color

Yxy(86.3062, 0.3025, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	E3F2F3
RGB	227, 242, 243
RGB Percent	89%, 95%, 95%
CMY	0.1097, 0.0510, 0.0469
CMYK	0.07, 0.00, 0.00, 0.05
HSL	184°, 40%, 92%
HSV	184°, 7%, 95%
XYZ	79.6207, 86.3062, 97.2820
YIQ	237.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

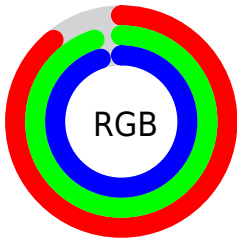
Format	Color
R _Y B	227, 235, 243
Decimal	14938867
CIE Lab	94.44, -4.71, -2.21
CIE LCh	94, 5.202, 205.132
Yxy	86.3062, 0.3025, 0.3279
Android (android.graphics.Color)	4293128947 (0xFFE3F2F3)
YUV	237.6290, 2.6479, -9.3216
Hunter-Lab	92.9011, -9.5940, 2.9449

Details

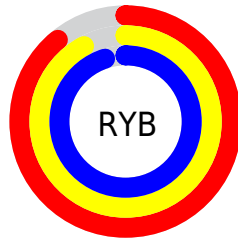
The Yxy color **86.3062, 0.3025, 0.3279** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.1396, 0.3238, 0.3301**, and the grayscale version is **85.1907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4763, 0.3005, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **81.6939, 0.2875, 0.3261**, and if you desaturate by 10%, it is **91.4918, 0.3181, 0.3295**.

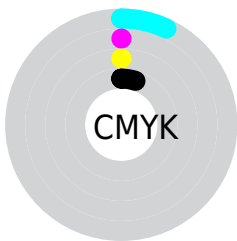
Distribution



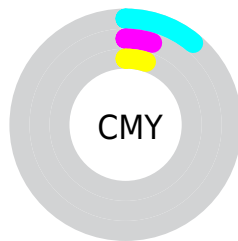
- Red (89%)
- Green (95%)
- Blue (95%)



- Red (89%)
- Yellow (92%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3062, 0.3025, 0.3279 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 86.3062, 0.3025, 0.3279 by changing the saturation by 10% instead.

 86.3062, 0.3025,
0.3279

 86.3062, 0.3025,
0.3279

515.9403, 0.3071,
0.3284

 64.9212, 0.3015,
0.3278

142.1967, 0.3041,
0.3281

 47.3972, 0.3003,
0.3276


177.4710, 0.3047,
0.3282

 33.3498, 0.2987,
0.3274


218.1439, 0.3052,
0.3282

 22.3945, 0.2967,
0.3272


264.5997, 0.3057,
0.3283

 14.1471, 0.2941,
0.3269

317.2228, 0.3061,
0.3283

 8.2230, 0.2905,
0.3264

376.3977, 0.3065,

 4.2380, 0.2851,

0.3284

442.5088, 0.3068,
0.3284

0.3256

■ 1.8076, 0.2762,
0.3243

■ 0.4919, 0.2297,
0.3206

■ 86.3062, 0.3025,
0.3279

■ 86.3062, 0.3025,
0.3279

■ 81.6939, 0.2875,
0.3261

■ 91.4918, 0.3181,
0.3295

■ 77.6206, 0.2734,
0.3242

■ 93.1336, 0.3204,
0.3311

■ 74.0652, 0.2605,
0.3221

■ 94.0963, 0.3203,
0.3326

■ 71.0008, 0.2491,
0.3200

■ 95.0673, 0.3201,
0.3341

68.3980, 0.2394,
0.3178

96.0464, 0.3200,
0.3356

66.2243, 0.2315,
0.3156

97.0338, 0.3199,
0.3372

64.4430, 0.2257,
0.3133

98.0295, 0.3198,
0.3387

63.0110, 0.2217,
0.3111

99.0335, 0.3197,
0.3402

61.8740, 0.2195,
0.3089

99.2531, 0.3197,
0.3405

Harmonies

Analogous

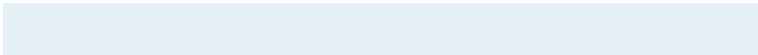
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3062, 0.3065, 0.3332



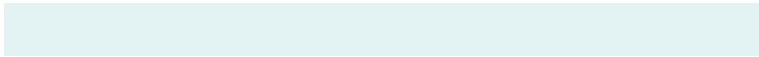
86.3062, 0.3025, 0.3279



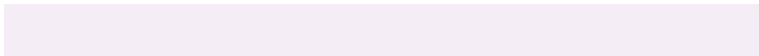
86.3062, 0.3012, 0.3229

Triad

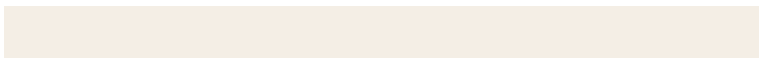
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3062, 0.3025, 0.3279



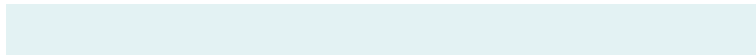
86.3062, 0.3132, 0.3208



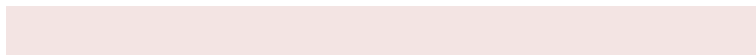
86.3062, 0.3225, 0.3384

Complementary

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



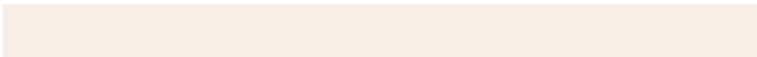
86.3062, 0.3025, 0.3279



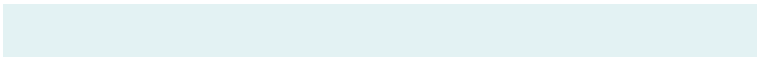
80.1396, 0.3238, 0.3301

Split Complementary

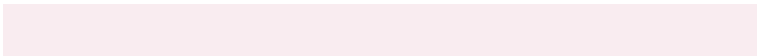
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3062, 0.3244, 0.3349



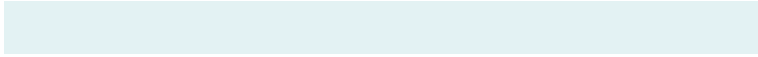
86.3062, 0.3025, 0.3279



86.3062, 0.3190, 0.3249

Square

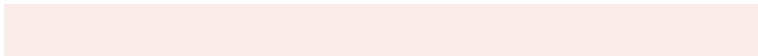
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3062, 0.3025, 0.3279



86.3062, 0.3074, 0.3189



86.3062, 0.3231, 0.3300



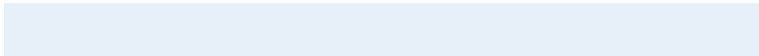
86.3062, 0.3180, 0.3393

Rectangle

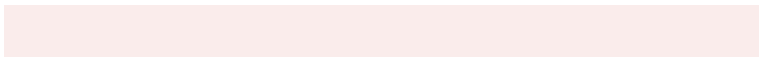
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



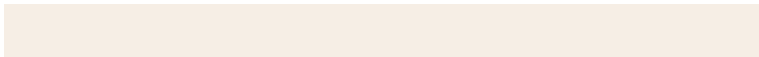
86.3062, 0.3025, 0.3279



86.3062, 0.3021, 0.3205



86.3062, 0.3231, 0.3300



86.3062, 0.3235, 0.3375

Sweetspot

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



86.3098, 0.3025, 0.3279



98.8338, 0.3096, 0.3287



86.0511, 0.3115, 0.3448



21.1667, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

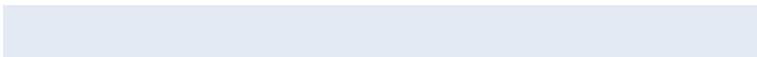
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3098, 0.3025, 0.3279



95.4893, 0.3003, 0.3277



81.7904, 0.3026, 0.3199



18.5621, 0.2981, 0.3274



33.8337, 0.2190, 0.3085



3.0284, 0.2198, 0.3113

Inverse Universe

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



80.4300, 0.3141, 0.3139



87.5826, 0.3145, 0.3106



84.5053, 0.3231, 0.3380



16.7486, 0.3148, 0.3072



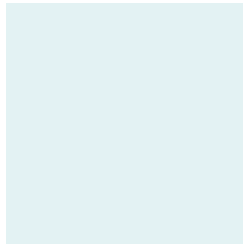
13.5149, 0.3380, 0.1635



1.1934, 0.3356, 0.1622

Previews

White Background



This preview shows how the Yxy color 86.3062, 0.3025, 0.3279 looks on a white background.

Color Contrast Check

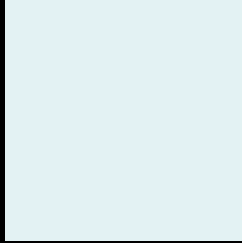
Large Text (above 18pt) WCAG AA × Fail

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 86.3062, 0.3025, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

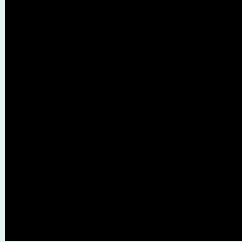
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

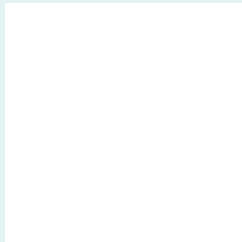
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3062, 0.3025, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 86.3062, 0.3025, 0.3279.

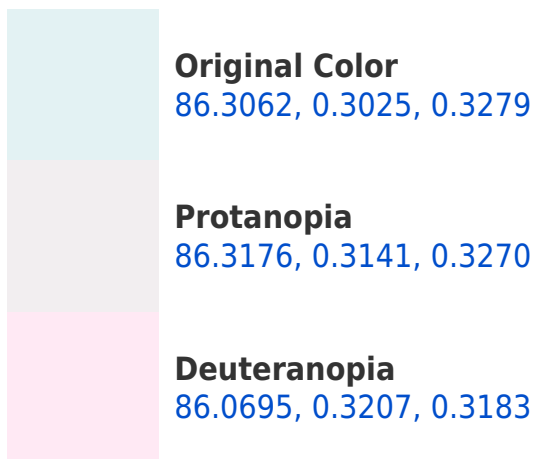


This preview shows how white text looks on a background with the Yxy color 86.3062, 0.3025, 0.3279.

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

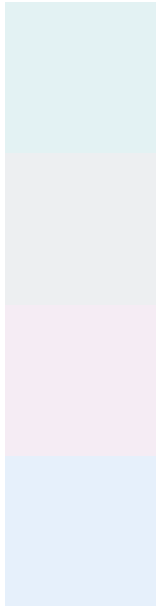




Tritanopia

85.9419, 0.2980, 0.3129

Trichromacy



Original Color

86.3062, 0.3025, 0.3279

Protanomaly

86.0884, 0.3102, 0.3270

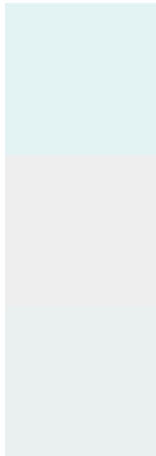
Deuteranomaly

85.9350, 0.3138, 0.3211

Tritanomaly

86.1082, 0.2997, 0.3178

Monochromacy



Original Color

86.3062, 0.3025, 0.3279

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.5167, 0.3088, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3062, 0.3025, 0.3279 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(227, 242, 243)` looks like.

```
.text, #text, p{  
    color:rgb(227, 242, 243)  
}
```

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(227, 242, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 242, 243) }
```

Border

The CSS property to change the border of an element to Yxy 86.3062, 0.3025, 0.3279 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(227, 242, 243) }
```

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

```
.border{ border-color:rgb(227, 242, 243) }
```

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

Here you see how a box with a 4 pixel rgb(227, 242, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 242, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 242, 243);  
box-shadow:4px 4px 4px 4px rgb(227, 242,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3062, 0.3025, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 242, 243) }
```

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

```
.background{ background-color: rgb(227,  
242, 243) }
```

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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