

Converting Colors

Yxy(88.1625, 0.3024, 0.3258)

Have a look what the booklet for
Yxy(88.1625, 0.3024, 0.3258)
contains.

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Color

Yxy(88.2398, 0.3020, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	E6F4F7
RGB	230, 244, 247
RGB Percent	90%, 96%, 97%
CMY	0.0982, 0.0431, 0.0312
CMYK	0.07, 0.01, 0.00, 0.03
HSL	191°, 52%, 94%
HSV	191°, 7%, 97%
XYZ	81.7687, 88.2398, 100.7488
YIQ	240.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

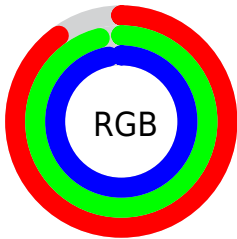
Format	Color
R _Y B	230, 238, 247
Decimal	15135991
CIE Lab	95.26, -4.04, -3.06
CIE LCh	95, 5.066, 217.152
Yxy	88.2398, 0.3020, 0.3259
Android (android.graphics.Color)	4293326071 (0xFFE6F4F7)
YUV	240.1560, 3.3741, -8.9068
Hunter-Lab	93.9360, -9.0088, 2.1652

Details

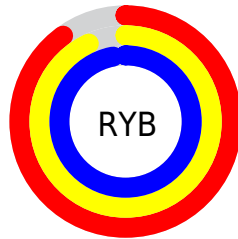
The Yxy color **88.2398, 0.3020, 0.3259** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.7679, 0.3242, 0.3321**, and the grayscale version is **87.2447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7267, 0.2991, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **81.8365, 0.2868, 0.3210**, and if you desaturate by 10%, it is **95.2925, 0.3175, 0.3303**.

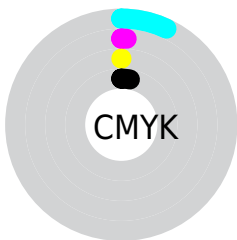
Distribution



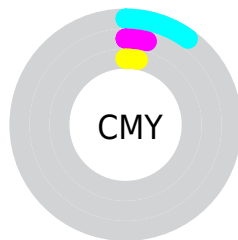
- Red (90%)
- Green (96%)
- Blue (97%)



- Red (90%)
- Yellow (93%)
- Blue (97%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)





- Cyan (10%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2398, 0.3020, 0.3259 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 88.2398, 0.3020, 0.3259 by changing the saturation by 10% instead.

 88.2398, 0.3020,
0.3259

 88.2398, 0.3020,
0.3259

522.2882, 0.3068,
0.3273

 66.5217, 0.3009,
0.3256

144.8910, 0.3036,
0.3264

 48.6960, 0.2997,
0.3252

180.5928, 0.3043,
0.3266

 34.3784, 0.2981,
0.3247


221.7247, 0.3048,
0.3267

 23.1844, 0.2960,
0.3241

268.6709, 0.3053,
0.3269

 14.7298, 0.2933,
0.3232

321.8160, 0.3057,
0.3270

 8.6299, 0.2896,
0.3220

381.5444, 0.3061,

 4.5006, 0.2841,

0.3271

0.3202

448.2403, 0.3065,
0.3272

■ 1.9574, 0.2752,
0.3172

■ 0.5825, 0.2413,
0.3089

■ 88.2398, 0.3020,
0.3259

■ 88.2398, 0.3020,
0.3259

■ 81.8365, 0.2868,
0.3210

■ 95.2925, 0.3175,
0.3303

■ 76.0466, 0.2721,
0.3158

■ 98.0868, 0.3175,
0.3345

■ 70.8475, 0.2583,
0.3101

■ 99.4979, 0.3173,
0.3366

■ 66.2109, 0.2458,
0.3041

■ 62.1055, 0.2347,
0.2979

■ 58.4971, 0.2255,
0.2915

■ 55.3468, 0.2182,
0.2850

■ 52.6088, 0.2128,
0.2786

■ 50.2253, 0.2093,
0.2722

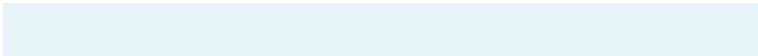
Harmonies

Analogous

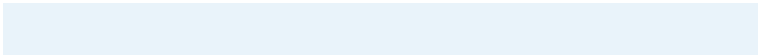
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2398, 0.3049, 0.3311



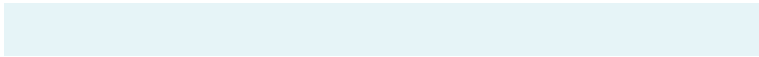
88.2398, 0.3020, 0.3259



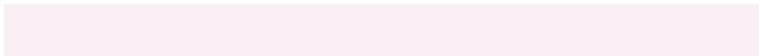
88.2398, 0.3020, 0.3216

Triad

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



88.2398, 0.3020, 0.3259



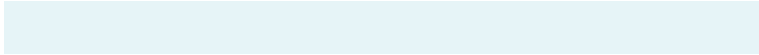
88.2398, 0.3155, 0.3225



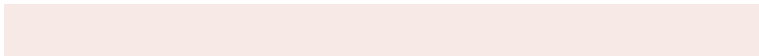
88.2398, 0.3207, 0.3387

Complementary

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



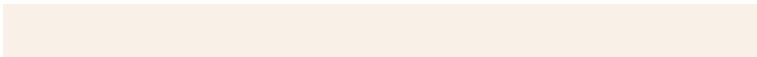
88.2398, 0.3020, 0.3259



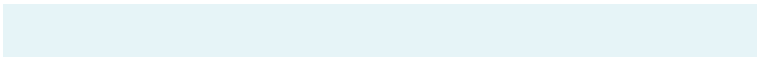
83.7679, 0.3242, 0.3321

Split Complementary

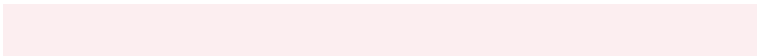
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2398, 0.3236, 0.3363



88.2398, 0.3020, 0.3259



88.2398, 0.3206, 0.3269

Square

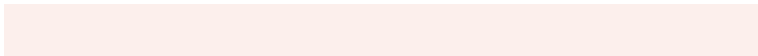
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2398, 0.3020, 0.3259



88.2398, 0.3097, 0.3197



88.2398, 0.3236, 0.3320



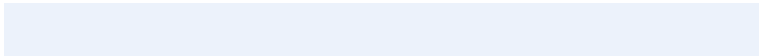
88.2398, 0.3156, 0.3385

Rectangle

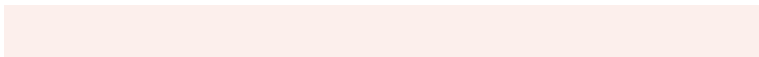
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.2398, 0.3020, 0.3259



88.2398, 0.3036, 0.3199



88.2398, 0.3236, 0.3320



88.2398, 0.3219, 0.3382

Sweetspot

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



88.2435, 0.3020, 0.3259



98.4697, 0.3096, 0.3281



89.2358, 0.3102, 0.3436



21.0926, 0.3098, 0.3282



0.0000, 0.0000, 0.0000



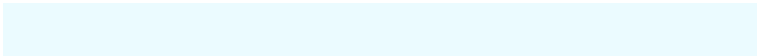
21.4041, 0.3127, 0.3290

Same Dimension

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



88.2435, 0.3020, 0.3259



94.0470, 0.3003, 0.3254



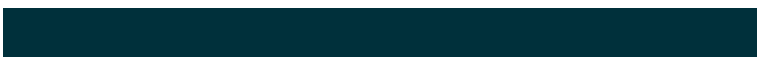
83.3295, 0.3021, 0.3174



18.2284, 0.2980, 0.3247



26.3765, 0.2087, 0.2713



2.4463, 0.2109, 0.2793

Inverse Universe

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



82.8890, 0.3154, 0.3150



87.4370, 0.3159, 0.3128



88.6100, 0.3235, 0.3404



16.7149, 0.3165, 0.3097



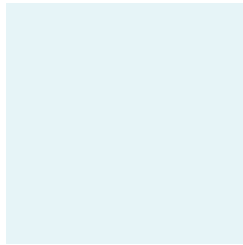
12.7621, 0.3716, 0.1821



1.1346, 0.3641, 0.1780

Previews

White Background



This preview shows how the Yxy color 88.2398, 0.3020, 0.3259 looks on a white background.

Color Contrast Check

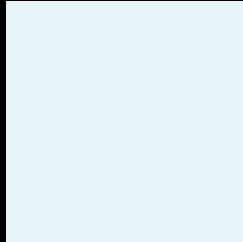
Large Text (above 18pt) WCAG AA × Fail

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 88.2398, 0.3020, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

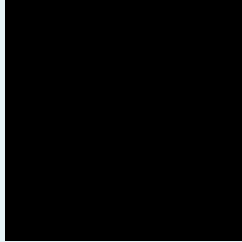
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

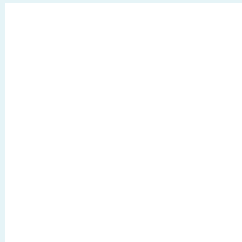
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2398, 0.3020, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 88.2398, 0.3020, 0.3259.

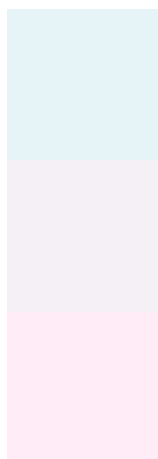


This preview shows how white text looks on a background with the Yxy color 88.2398, 0.3020, 0.3259.

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

88.2398, 0.3020, 0.3259

Protanopia

88.1458, 0.3123, 0.3240

Deuteranopia

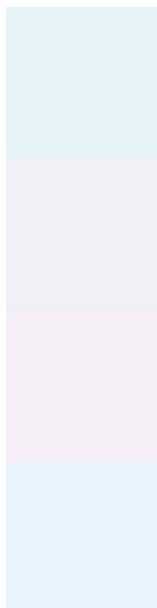
87.9663, 0.3186, 0.3183



Tritanopia

88.3864, 0.3006, 0.3160

Trichromacy



Original Color

88.2398, 0.3020, 0.3259

Protanomaly

87.9151, 0.3084, 0.3240

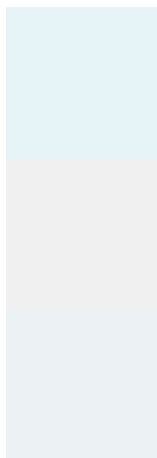
Deuteranomaly

88.0412, 0.3124, 0.3211

Tritanomaly

88.4531, 0.3010, 0.3199

Monochromacy



Original Color

88.2398, 0.3020, 0.3259

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.2145, 0.3083, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2398, 0.3020, 0.3259 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(230, 244, 247)` looks like.

```
.text, #text, p{  
    color:rgb(230, 244, 247)  
}
```

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(230, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 244, 247) }
```

Border

The CSS property to change the border of an element to Yxy 88.2398, 0.3020, 0.3259 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(230, 244, 247) }
```

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

```
.border{ border-color:rgb(230, 244, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 244, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(230, 244,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2398, 0.3020, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 244, 247) }
```

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

```
.background{ background-color: rgb(230,  
244, 247) }
```

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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