

Converting Colors

Yxy(88.9191, 0.3019, 0.3243)

Have a look what the booklet for
Yxy(88.9191, 0.3019, 0.3243)
contains.

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Color

Yxy(88.6967, 0.3021, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	E8F4F9
RGB	232, 244, 249
RGB Percent	91%, 96%, 98%
CMY	0.0903, 0.0431, 0.0234
CMYK	0.07, 0.02, 0.00, 0.02
HSL	198°, 59%, 94%
HSV	198°, 7%, 98%
XYZ	82.7270, 88.6967, 102.4161
YIQ	240.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

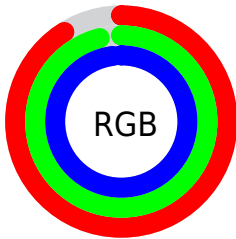
Format	Color
R _Y B	232, 239, 249
Decimal	15267065
CIE Lab	95.45, -3.01, -3.80
CIE LCh	95, 4.848, 231.570
Yxy	88.6967, 0.3021, 0.3239
Android (android.graphics.Color)	4293457145 (0xFFE8F4F9)
YUV	240.9820, 3.9529, -7.8772
Hunter-Lab	94.1789, -8.0183, 1.4496

Details

The Yxy color **88.6967, 0.3021, 0.3239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.5463, 0.3240, 0.3340**, and the grayscale version is **87.9228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0468, 0.2993, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **80.4912, 0.2866, 0.3158**, and if you desaturate by 10%, it is **97.3181, 0.3164, 0.3312**.

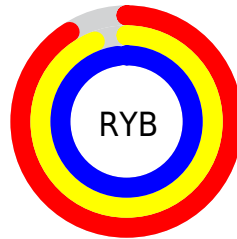
Distribution



Red (91%)

Green (96%)

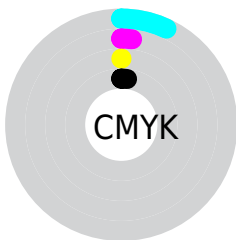
Blue (98%)



Red (91%)

Yellow (94%)

Blue (98%)

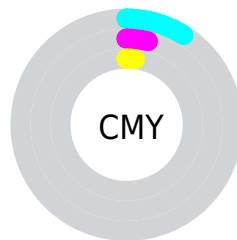


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (9%)


Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.6967, 0.3021, 0.3239 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 88.6967, 0.3021, 0.3239 by changing the saturation by 10% instead.


 88.6967, 0.3021,
0.3239

 88.6967, 0.3021,
0.3239


523.7821, 0.3068,
0.3262

 66.9002, 0.3011,
0.3234


145.5267, 0.3037,
0.3247

 49.0035, 0.2998,
0.3228


181.3290, 0.3043,
0.3250

 34.6223, 0.2982,
0.3220


222.5688, 0.3049,
0.3253

 23.3721, 0.2962,
0.3210

269.6303, 0.3054,
0.3255

 14.8685, 0.2936,
0.3196

322.8980, 0.3058,
0.3257

 8.7271, 0.2899,
0.3178

382.7562, 0.3062,

 4.5636, 0.2845,

0.3259

0.3150

449.5895, 0.3065,
0.3261

■ 1.9936, 0.2757,
0.3103

■ 0.6037, 0.2468,
0.2979

■ 88.6967, 0.3021,
0.3239

■ 88.6967, 0.3021,
0.3239

■ 80.4912, 0.2866,
0.3158

■ 97.3181, 0.3164,
0.3312

■ 73.0220, 0.2713,
0.3069

■ 99.6222, 0.3162,
0.3347

■ 66.2642, 0.2565,
0.2973

■ 60.1873, 0.2427,
0.2871

■ 54.7578, 0.2301,
0.2763

■ 49.9391, 0.2191,
0.2652

■ 45.6896, 0.2101,
0.2539

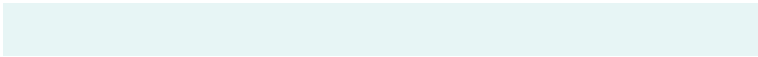
■ 41.9611, 0.2030,
0.2426

■ 38.6929, 0.1980,
0.2314

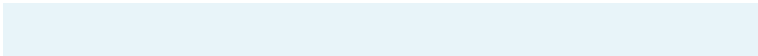
Harmonies

Analogous

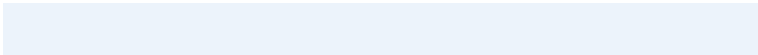
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6967, 0.3036, 0.3286



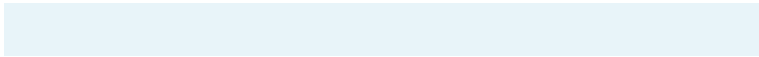
88.6967, 0.3021, 0.3239



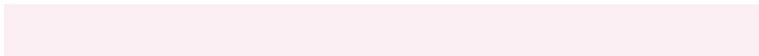
88.6967, 0.3034, 0.3206

Triad

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



88.6967, 0.3021, 0.3239



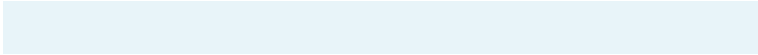
88.6967, 0.3179, 0.3247



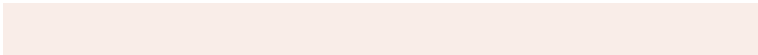
88.6967, 0.3182, 0.3385

Complementary

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



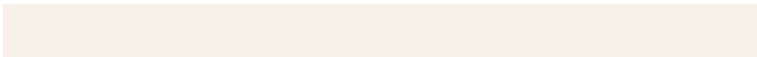
88.6967, 0.3021, 0.3239



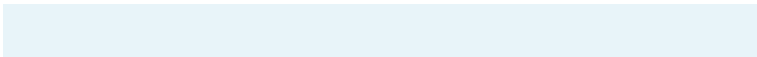
86.5463, 0.3240, 0.3340

Split Complementary

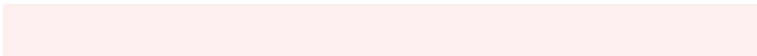
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6967, 0.3221, 0.3374



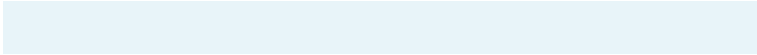
88.6967, 0.3021, 0.3239



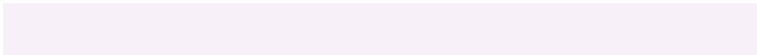
88.6967, 0.3219, 0.3293

Square

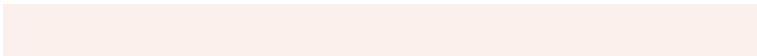
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



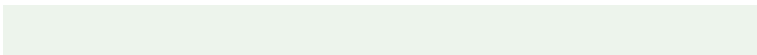
88.6967, 0.3021, 0.3239



88.6967, 0.3125, 0.3211



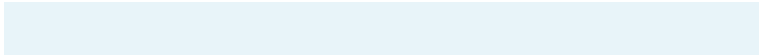
88.6967, 0.3235, 0.3340



88.6967, 0.3129, 0.3371

Rectangle

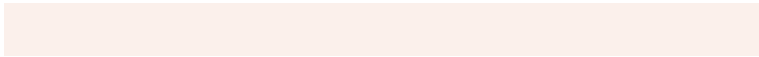
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.6967, 0.3021, 0.3239



88.6967, 0.3057, 0.3197



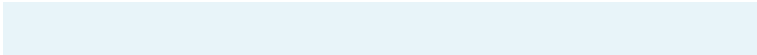
88.6967, 0.3235, 0.3340



88.6967, 0.3197, 0.3384

Sweetspot

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



88.7005, 0.3021, 0.3239



98.0895, 0.3096, 0.3276



91.0328, 0.3091, 0.3414



21.0153, 0.3098, 0.3276



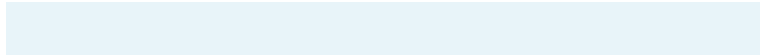
0.0000, 0.0000, 0.0000



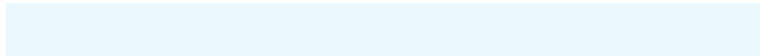
21.4041, 0.3127, 0.3290

Same Dimension

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



88.7005, 0.3021, 0.3239



92.5550, 0.3003, 0.3230



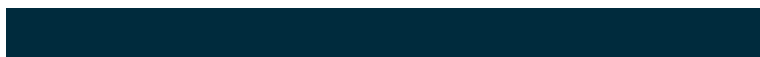
83.7969, 0.3022, 0.3154



18.6932, 0.2980, 0.3218



20.4476, 0.1972, 0.2298



2.0777, 0.2009, 0.2430

Inverse Universe

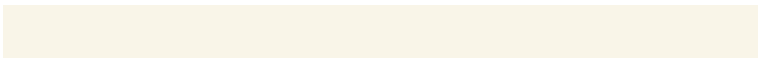
The Inverse Universe completely reimagines the original color for something new.



84.3791, 0.3167, 0.3171



87.2864, 0.3174, 0.3151



91.4860, 0.3232, 0.3422



17.4322, 0.3183, 0.3124



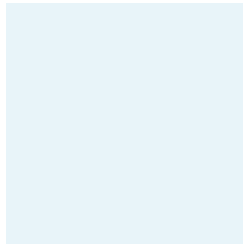
12.4751, 0.4129, 0.2048



1.1740, 0.3992, 0.1973

Previews

White Background



This preview shows how the Yxy color 88.6967, 0.3021, 0.3239 looks on a white background.

Color Contrast Check

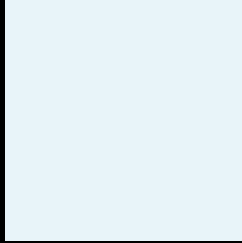
Large Text (above 18pt) WCAG AA × Fail

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 88.6967, 0.3021, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

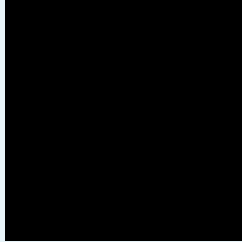
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

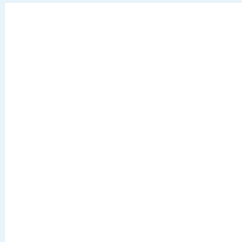
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.6967, 0.3021, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 88.6967, 0.3021, 0.3239.

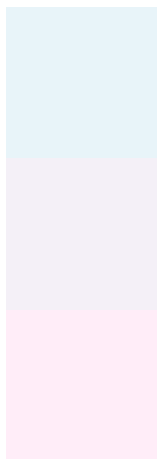


This preview shows how white text looks on a background with the Yxy color 88.6967, 0.3021, 0.3239.

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

88.6967, 0.3021, 0.3239

Protanopia

88.2687, 0.3111, 0.3221

Deuteranopia

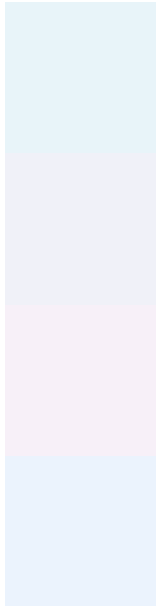
88.6057, 0.3179, 0.3184



Tritanopia

88.7288, 0.3018, 0.3161

Trichromacy



Original Color

88.6967, 0.3021, 0.3239

Protanomaly

88.2132, 0.3079, 0.3220

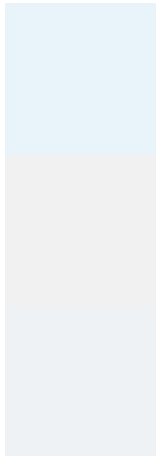
Deuteranomaly

88.8716, 0.3124, 0.3211

Tritanomaly

88.8552, 0.3017, 0.3190

Monochromacy



Original Color

88.6967, 0.3021, 0.3239

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.2131, 0.3089, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6967, 0.3021, 0.3239 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(232, 244, 249)` looks like.

```
.text, #text, p{  
    color:rgb(232, 244, 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(232, 244, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 244, 249) }
```

Border

The CSS property to change the border of an element to Yxy 88.6967, 0.3021, 0.3239 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(232, 244, 249) }
```

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

```
.border{ border-color:rgb(232, 244, 249) }
```

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

Here you see how a box with a 4 pixel rgb(232, 244, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 244, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 244, 249);  
box-shadow:4px 4px 4px 4px rgb(232, 244,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6967, 0.3021, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 244, 249) }
```

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

```
.background{ background-color: rgb(232,  
244, 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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