

Converting Colors

$Yxy(88.3617, 0.2970, 0.3236)$

Have a look what the booklet for
Yxy(88.3617, 0.2970, 0.3236)
contains.

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Color

Yxy(88.2145, 0.2972, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	E1F5FA
RGB	225, 245, 250
RGB Percent	88%, 96%, 98%
CMY	0.1179, 0.0391, 0.0196
CMYK	0.10, 0.02, 0.00, 0.02
HSL	192°, 71%, 93%
HSV	192°, 10%, 98%
XYZ	80.9427, 88.2145, 103.1938
YIQ	239.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

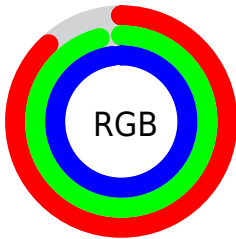
Format	Color
R _Y B	225, 236, 250
Decimal	14808570
CIE Lab	95.25, -5.60, -4.64
CIE LCh	95, 7.272, 219.662
Yxy	88.2145, 0.2972, 0.3239
Android (android.graphics.Color)	4292998650 (0xFFE1F5FA)
YUV	239.5900, 5.1321, -12.7954
Hunter-Lab	93.9226, -10.5327, 0.6032

Details

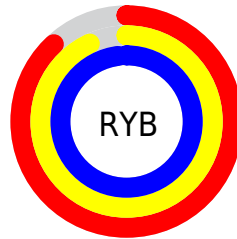
The Yxy color **88.2145, 0.2972, 0.3239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2953, 0.3299, 0.3340**, and the grayscale version is **86.7620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8363, 0.2939, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **81.5326, 0.2820, 0.3183**, and if you desaturate by 10%, it is **95.5723, 0.3127, 0.3290**.

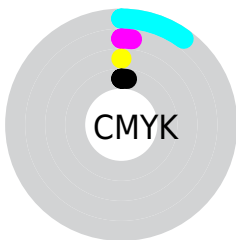
Distribution



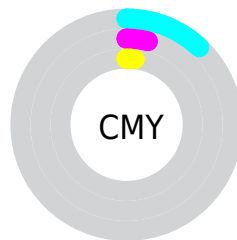
- Red (88%)
- Green (96%)
- Blue (98%)



- Red (88%)
- Yellow (93%)
- Blue (98%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (12%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.2145, 0.2972, 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 88.2145, 0.2972, 0.3239 by changing the saturation by 10% instead.

88.2145, 0.2972,
0.3239

88.2145, 0.2972,
0.3239

522.2054, 0.3041,
0.3262

66.5007, 0.2957,
0.3234

144.8557, 0.2995,
0.3247

48.6790, 0.2938,
0.3227

180.5520, 0.3005,
0.3250

34.3649, 0.2915,
0.3219

221.6779, 0.3013,
0.3253

23.1741, 0.2886,
0.3209

268.6178, 0.3020,
0.3255

14.7221, 0.2847,
0.3195

321.7561, 0.3026,
0.3257

8.6246, 0.2794,
0.3175

381.4772, 0.3032,

4.4971, 0.2716,

0.3259

0.3145

448.1655, 0.3037,
0.3261

■ 1.9554, 0.2589,
0.3094

■ 0.5813, 0.2128,
0.2974

■ 88.2145, 0.2972,
0.3239

■ 88.2145, 0.2972,
0.3239

■ 81.5326, 0.2820,
0.3183

■ 95.5723, 0.3127,
0.3290

■ 75.4894, 0.2675,
0.3123

■ 99.6401, 0.3156,
0.3337

■ 70.0606, 0.2539,
0.3058

■ 99.6815, 0.3156,
0.3338

■ 65.2161, 0.2415,
0.2990

■ 60.9226, 0.2307,
0.2919

■ 57.1434, 0.2218,
0.2846

■ 53.8362, 0.2147,
0.2773

■ 50.9510, 0.2097,
0.2700

■ 48.4106, 0.2063,
0.2628

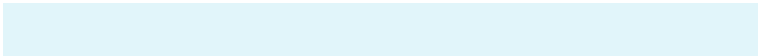
Harmonies

Analogous

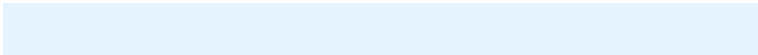
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2145, 0.3010, 0.3313



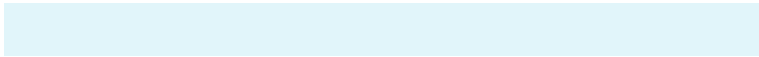
88.2145, 0.2972, 0.3239



88.2145, 0.2975, 0.3180

Triad

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



88.2145, 0.2972, 0.3239



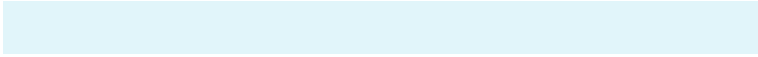
88.2145, 0.3174, 0.3201



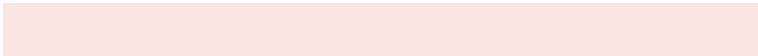
88.2145, 0.3236, 0.3431

Complementary

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



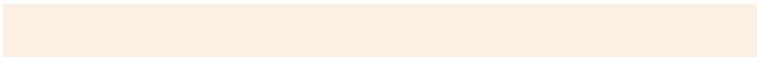
88.2145, 0.2972, 0.3239



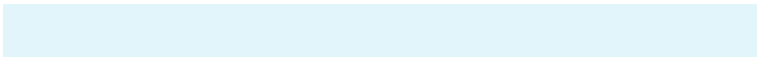
82.2953, 0.3299, 0.3340

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.



88.2145, 0.3282, 0.3399



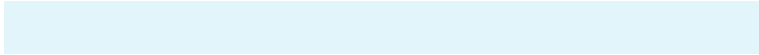
88.2145, 0.2972, 0.3239



88.2145, 0.3245, 0.3266

Square

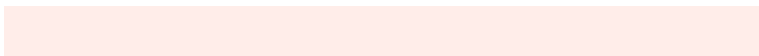
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2145, 0.2972, 0.3239



88.2145, 0.3091, 0.3159



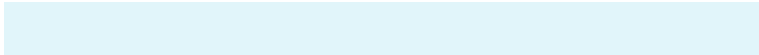
88.2145, 0.3285, 0.3338



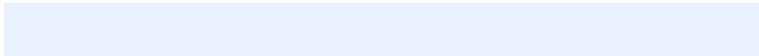
88.2145, 0.3162, 0.3425

Rectangle

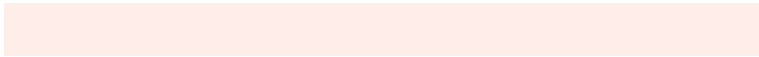
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.2145, 0.2972, 0.3239



88.2145, 0.3000, 0.3157



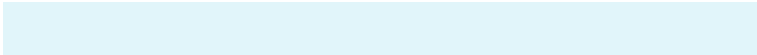
88.2145, 0.3285, 0.3338



88.2145, 0.3256, 0.3424

Sweetspot

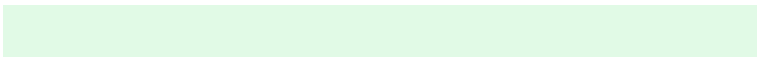
The Sweet Spot groups the original color and five complimentary colors.



88.2182, 0.2972, 0.3239



97.6141, 0.3081, 0.3275



90.0494, 0.3088, 0.3501



20.7593, 0.3068, 0.3271



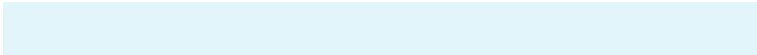
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



88.2182, 0.2972, 0.3239



90.8418, 0.2941, 0.3228



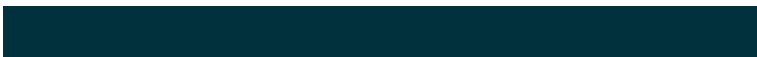
81.1039, 0.2971, 0.3113



18.9896, 0.2980, 0.3242



25.8886, 0.2067, 0.2640



2.5414, 0.2091, 0.2726

Inverse Universe

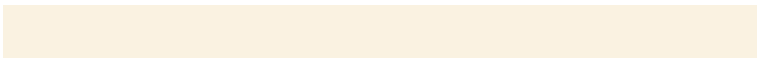
The Inverse Universe completely reimagines the original color for something new.



80.7330, 0.3171, 0.3091



81.6220, 0.3180, 0.3051



89.2931, 0.3285, 0.3461



17.4621, 0.3168, 0.3102



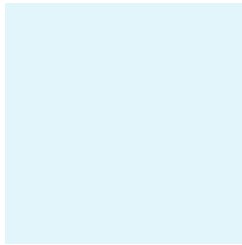
13.0244, 0.3785, 0.1859



1.2208, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 88.2145, 0.2972, 0.3239 looks on a white background.

Color Contrast Check

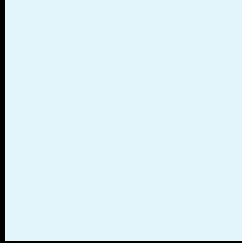
Large Text (above 18pt) WCAG AA × Fail

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 88.2145, 0.2972, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

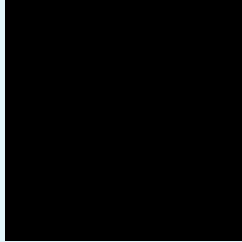
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

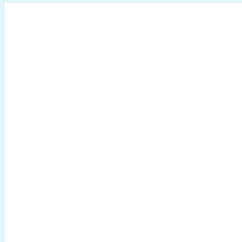
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2145, 0.2972, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 88.2145, 0.2972, 0.3239.

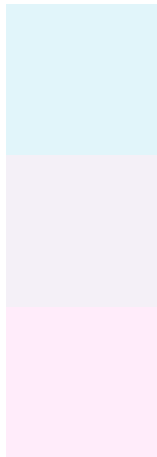


This preview shows how white text looks on a background with the Yxy color 88.2145, 0.2972, 0.3239.

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

88.2145, 0.2972, 0.3239

Protanopia

88.2687, 0.3111, 0.3221

Deuteranopia

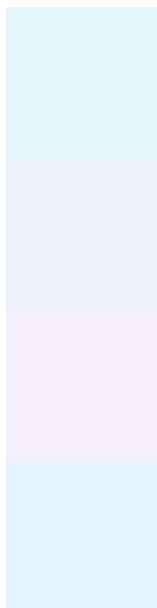
88.1530, 0.3167, 0.3155



Tritanopia

87.8801, 0.2987, 0.3159

Trichromacy



Original Color

88.2145, 0.2972, 0.3239

Protanomaly

88.2861, 0.3059, 0.3230

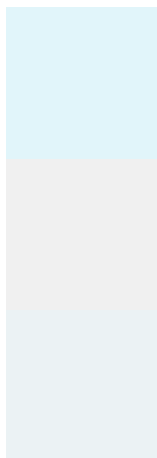
Deuteranomaly

87.8682, 0.3093, 0.3181

Tritanomaly

87.8510, 0.2980, 0.3189

Monochromacy



Original Color

88.2145, 0.2972, 0.3239

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.6981, 0.3070, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2145, 0.2972, 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(225, 245, 250)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 250)  
}
```

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(225, 245, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 250) }
```

Border

The CSS property to change the border of an element to Yxy 88.2145, 0.2972, 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(225, 245, 250) }
```

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

```
.border{ border-color:rgb(225, 245, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 245, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 250);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2145, 0.2972, 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(225, 245, 250) }
```

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

```
.background{ background-color: rgb(225,  
245, 250) }
```

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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