

Converting Colors

$Yxy(88.6872, 0.2985, 0.3263)$

Have a look what the booklet for
Yxy(88.6872, 0.2985, 0.3263)
contains.

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Color

Yxy(88.8576, 0.2990, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E2F6F8
RGB	226, 246, 248
RGB Percent	89%, 96%, 97%
CMY	0.1136, 0.0353, 0.0274
CMYK	0.09, 0.01, 0.00, 0.03
HSL	186°, 61%, 93%
HSV	186°, 9%, 97%
XYZ	81.2739, 88.8576, 101.6875
YIQ	240.2480, -12.5620, -3.6180

Conversions

Conversions Part 2

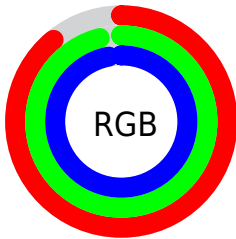
Format	Color
R _Y B	226, 236, 248
Decimal	14874360
CIE Lab	95.52, -6.12, -3.22
CIE LCh	96, 6.910, 207.740
Yxy	88.8576, 0.2990, 0.3269
Android (android.graphics.Color)	4293064440 (0xFFE2F6F8)
YUV	240.2480, 3.8217, -12.4955
Hunter-Lab	94.2643, -11.0614, 2.0260

Details

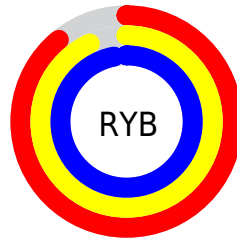
The Yxy color **88.8576, 0.2990, 0.3269** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.9747, 0.3280, 0.3311**, and the grayscale version is **87.3264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.2906, 0.2961, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **83.7559, 0.2841, 0.3243**, and if you desaturate by 10%, it is **94.5638, 0.3145, 0.3293**.

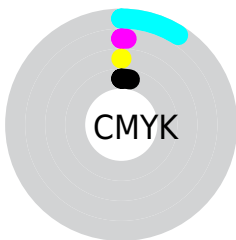
Distribution



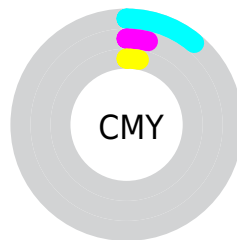
- Red (89%)
- Green (96%)
- Blue (97%)



- Red (89%)
- Yellow (93%)
- Blue (97%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)




- Cyan (11%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8576, 0.2990, 0.3269 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 88.8576, 0.2990, 0.3269 by changing the saturation by 10% instead.


 88.8576, 0.2990,
0.3269

 88.8576, 0.2990,
0.3269

524.3076, 0.3051,
0.3279

 67.0335, 0.2977,
0.3267


145.7505, 0.3011,
0.3272

 49.1119, 0.2960,
0.3264


181.5882, 0.3019,
0.3274

 34.7082, 0.2940,
0.3261


222.8658, 0.3026,
0.3275

 23.4382, 0.2914,
0.3256

269.9678, 0.3032,
0.3276

 14.9174, 0.2880,
0.3250

323.2786, 0.3038,
0.3277

 8.7614, 0.2833,
0.3241

383.1826, 0.3043,

 4.5859, 0.2764,

0.3278

0.3227

450.0641, 0.3047,
0.3278

■ 2.0064, 0.2652,
0.3203

■ 0.6112, 0.2233,
0.3162

■ 88.8576, 0.2990,
0.3269

■ 88.8576, 0.2990,
0.3269

■ 83.7559, 0.2841,
0.3243

■ 94.5638, 0.3145,
0.3293

■ 79.2226, 0.2701,
0.3216

■ 96.7590, 0.3170,
0.3315

■ 75.2350, 0.2572,
0.3186

■ 98.1913, 0.3169,
0.3336

■ 71.7641, 0.2459,
0.3156

■ 99.5584, 0.3168,
0.3357

■ 68.7784, 0.2363,
0.3124

■ 66.2429, 0.2286,
0.3092

■ 64.1174, 0.2228,
0.3060

■ 62.3547, 0.2189,
0.3028

■ 60.8850, 0.2167,
0.2997

Harmonies

Analogous

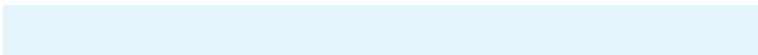
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8576, 0.3039, 0.3340



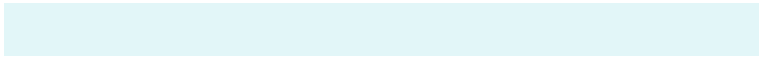
88.8576, 0.2990, 0.3269



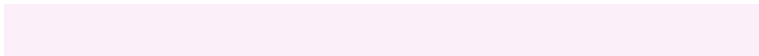
88.8576, 0.2977, 0.3205

Triad

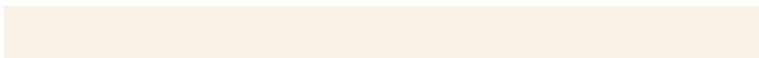
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8576, 0.2990, 0.3269



88.8576, 0.3140, 0.3186



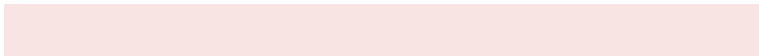
88.8576, 0.3252, 0.3416

Complementary

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



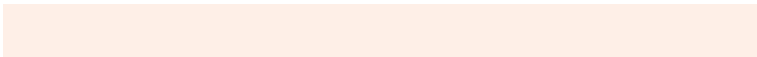
88.8576, 0.2990, 0.3269



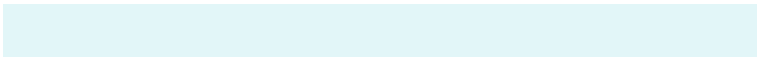
80.9747, 0.3280, 0.3311

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.



88.8576, 0.3280, 0.3373



88.8576, 0.2990, 0.3269



88.8576, 0.3215, 0.3241

Square

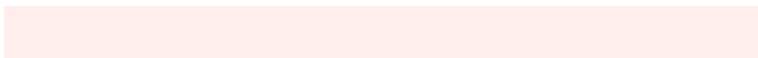
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8576, 0.2990, 0.3269



88.8576, 0.3063, 0.3159



88.8576, 0.3266, 0.3309



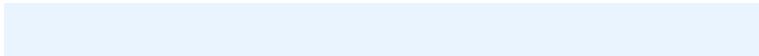
88.8576, 0.3190, 0.3425

Rectangle

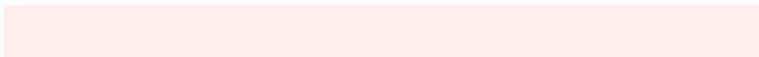
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



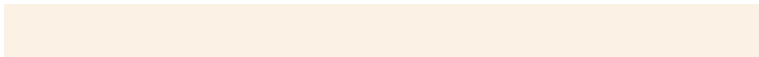
88.8576, 0.2990, 0.3269



88.8576, 0.2990, 0.3175



88.8576, 0.3266, 0.3309



88.8576, 0.3266, 0.3404

Sweetspot

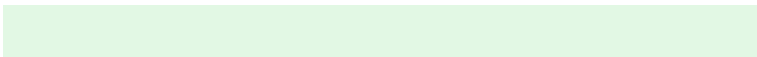
The Sweet Spot groups the original color and five complimentary colors.



88.8613, 0.2990, 0.3269



98.1292, 0.3080, 0.3283



88.9151, 0.3106, 0.3498



20.8988, 0.3068, 0.3281



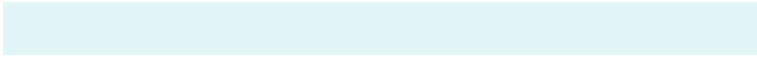
0.0000, 0.0000, 0.0000



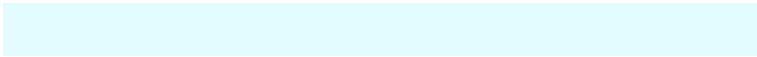
21.4041, 0.3127, 0.3290

Same Dimension

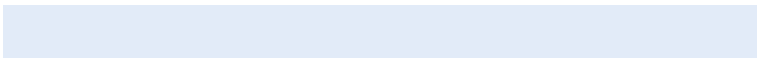
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8613, 0.2990, 0.3269



93.4258, 0.2957, 0.3264



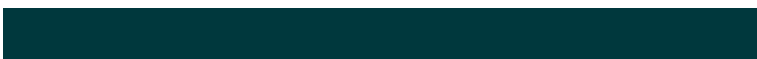
82.4833, 0.2990, 0.3158



19.3191, 0.2980, 0.3267



32.9095, 0.2166, 0.2998



3.1254, 0.2177, 0.3036

Inverse Universe

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



81.0275, 0.3150, 0.3092



83.2256, 0.3156, 0.3043



87.1040, 0.3268, 0.3419



17.4954, 0.3152, 0.3077



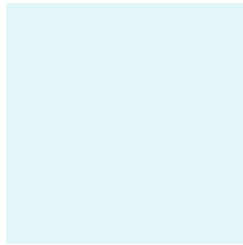
13.7331, 0.3456, 0.1677



1.2797, 0.3423, 0.1659

Previews

White Background



This preview shows how the Yxy color 88.8576, 0.2990, 0.3269 looks on a white background.

Color Contrast Check

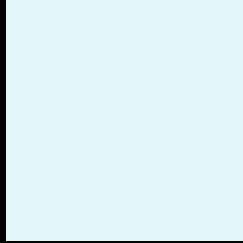
Large Text (above 18pt) WCAG AA × Fail

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 88.8576, 0.2990, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

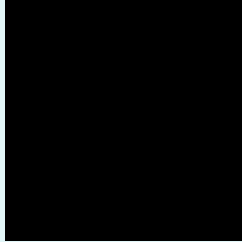
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

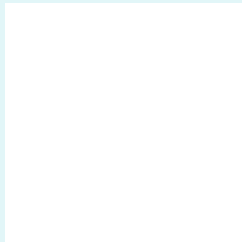
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8576, 0.2990, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 88.8576, 0.2990, 0.3269.

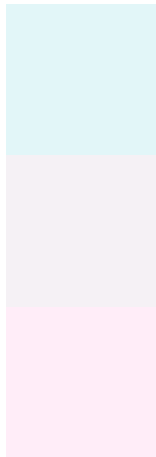


This preview shows how white text looks on a background with the Yxy color 88.8576, 0.2990, 0.3269.

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

88.8576, 0.2990, 0.3269

Protanopia

88.9156, 0.3129, 0.3250

Deuteranopia

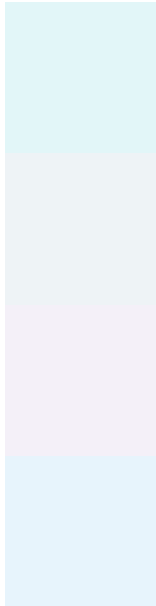
88.6057, 0.3179, 0.3184



Tritanopia

88.8136, 0.2999, 0.3170

Trichromacy



Original Color

88.8576, 0.2990, 0.3269

Protanomaly

88.9321, 0.3077, 0.3260

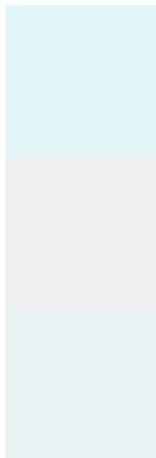
Deuteranomaly

88.3306, 0.3105, 0.3211

Tritanomaly

88.7186, 0.2998, 0.3209

Monochromacy



Original Color

88.8576, 0.2990, 0.3269

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.6375, 0.3076, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8576, 0.2990, 0.3269 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, 246, 248)` looks like.

```
.text, #text, p{  
    color:rgb(226, 246, 248)  
}
```

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, 246, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 246, 248) }
```

Border

The CSS property to change the border of an element to Yxy 88.8576, 0.2990, 0.3269 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, 246, 248) }
```

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

```
.border{ border-color:rgb(226, 246, 248) }
```

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

Here you see how a box with a 4 pixel rgb(226, 246, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 246, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 246, 248);  
box-shadow:4px 4px 4px 4px rgb(226, 246,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8576, 0.2990, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 246, 248) }
```

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

```
.background{ background-color: rgb(226,  
246, 248) }
```

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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