

Converting Colors

$Yxy(87.6425, 0.2974, 0.3288)$

Have a look what the booklet for
Yxy(87.6425, 0.2974, 0.3288)
contains.

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Color

Yxy(87.3308, 0.2970, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DDF5F6
RGB	221, 245, 246
RGB Percent	87%, 96%, 96%
CMY	0.1335, 0.0392, 0.0352
CMYK	0.10, 0.00, 0.00, 0.04
HSL	182°, 58%, 92%
HSV	182°, 10%, 96%
XYZ	79.1011, 87.3308, 99.9017
YIQ	237.9380, -14.6250, -4.7770

Conversions

Conversions Part 2

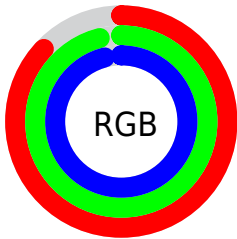
Format	Color
R _Y B	221, 233, 246
Decimal	14546422
CIE Lab	94.88, -7.61, -3.17
CIE LCh	95, 8.248, 202.622
Yxy	87.3308, 0.2970, 0.3279
Android (android.graphics.Color)	4292736502 (0xFFDDDF5F6)
YUV	237.9380, 3.9746, -14.8546
Hunter-Lab	93.4509, -12.4487, 2.0330

Details

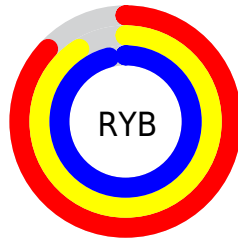
The Yxy color **87.3308, 0.2970, 0.3279** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.0523, 0.3307, 0.3301**, and the grayscale version is **85.4260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.2199, 0.2936, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **83.1472, 0.2824, 0.3267**, and if you desaturate by 10%, it is **92.0909, 0.3124, 0.3290**.

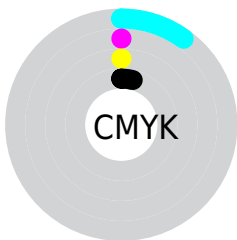
Distribution



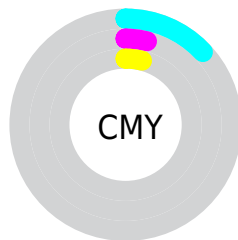
- Red (87%)
- Green (96%)
- Blue (96%)



- Red (87%)
- Yellow (91%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.3308, 0.2970, 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 87.3308, 0.2970, 0.3279 by changing the saturation by 10% instead.

87.3308, 0.2970,
0.3279

87.3308, 0.2970,
0.3279

519.3093, 0.3040,
0.3284

65.7690, 0.2955,
0.3278

143.6251, 0.2994,
0.3281

48.0849, 0.2936,
0.3276

179.1264, 0.3003,
0.3282

33.8941, 0.2912,
0.3274

220.0430, 0.3011,
0.3282

22.8123, 0.2882,
0.3271

266.7593, 0.3019,
0.3283

14.4550, 0.2843,
0.3267

319.6597, 0.3025,
0.3283

8.4378, 0.2788,
0.3261

379.1286, 0.3031,

4.3763, 0.2707,

0.3284

445.5503, 0.3036,
0.3284

0.3252

1.8862, 0.2576,
0.3234

0.5401, 0.1952,
0.3220

87.3308, 0.2970,
0.3279

87.3308, 0.2970,
0.3279

83.1472, 0.2824,
0.3267

92.0909, 0.3124,
0.3290

79.5045, 0.2688,
0.3255


94.4477, 0.3184,
0.3300


76.3802, 0.2566,
0.3242

95.0625, 0.3184,
0.3309


73.7457, 0.2460,
0.3228

95.6807, 0.3183,
0.3319


 71.5696, 0.2373,
0.3215


 96.3021, 0.3182,
0.3328


 69.8172, 0.2305,
0.3201


 96.9269, 0.3182,
0.3338


 68.4485, 0.2256,
0.3187

 97.5550, 0.3181,
0.3348

 67.4157, 0.2226,
0.3173

 98.1863, 0.3180,
0.3357

 66.6519, 0.2211,
0.3160

 98.8211, 0.3180,
0.3367

Harmonies

Analogous

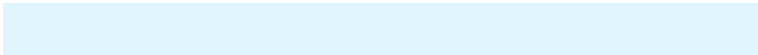
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3308, 0.3035, 0.3363



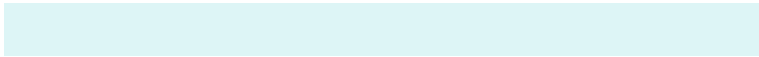
87.3308, 0.2970, 0.3279



87.3308, 0.2946, 0.3199

Triad

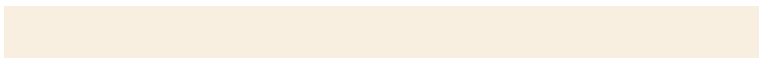
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3308, 0.2970, 0.3279



87.3308, 0.3127, 0.3158



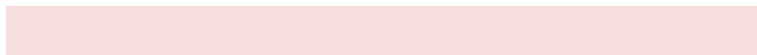
87.3308, 0.3286, 0.3434

Complementary

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



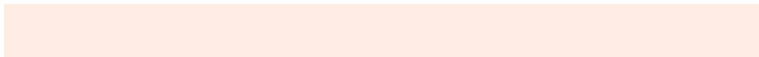
87.3308, 0.2970, 0.3279



77.0523, 0.3307, 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.



87.3308, 0.3312, 0.3377



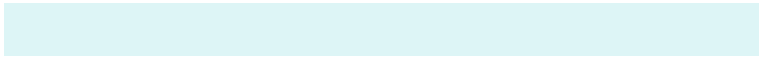
87.3308, 0.2970, 0.3279



87.3308, 0.3219, 0.3218

Square

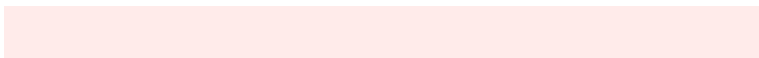
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3308, 0.2970, 0.3279



87.3308, 0.3036, 0.3131



87.3308, 0.3287, 0.3298



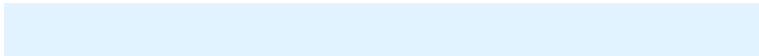
87.3308, 0.3218, 0.3454

Rectangle

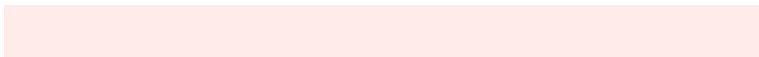
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



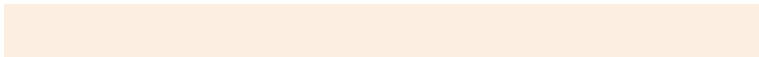
87.3308, 0.2970, 0.3279



87.3308, 0.2957, 0.3160



87.3308, 0.3287, 0.3298



87.3308, 0.3300, 0.3419

Sweetspot

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



87.3345, 0.2970, 0.3279



98.3791, 0.3080, 0.3287



86.5616, 0.3110, 0.3545



20.9665, 0.3068, 0.3286



0.0000, 0.0000, 0.0000



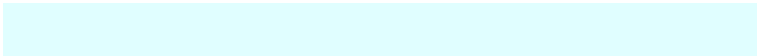
21.4041, 0.3127, 0.3290

Same Dimension

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



87.3345, 0.2970, 0.3279



93.8584, 0.2942, 0.3277



80.1097, 0.2969, 0.3150



18.6352, 0.2981, 0.3280



35.6178, 0.2212, 0.3162



3.1658, 0.2217, 0.3179

Inverse Universe

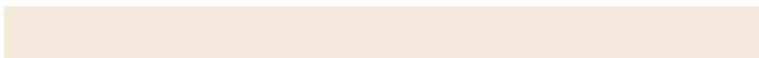
The Inverse Universe completely reimagines the original color for something new.



77.8862, 0.3146, 0.3049



81.9265, 0.3149, 0.3005



83.8537, 0.3292, 0.3426



16.7560, 0.3144, 0.3066



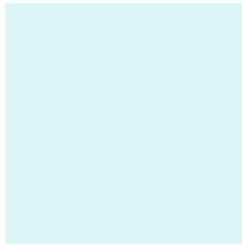
13.6950, 0.3314, 0.1599



1.2072, 0.3300, 0.1591

Previews

White Background



This preview shows how the Yxy color 87.3308, 0.2970, 0.3279 looks on a white background.

Color Contrast Check

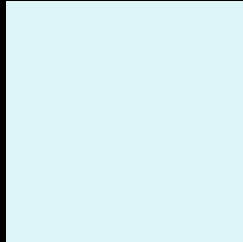
Large Text (above 18pt) WCAG AA × Fail

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 87.3308, 0.2970, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

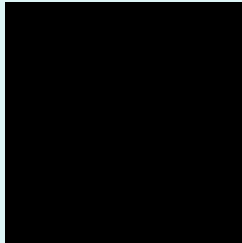
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

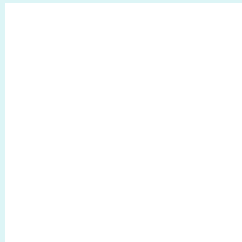
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.3308, 0.2970, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 87.3308, 0.2970, 0.3279.

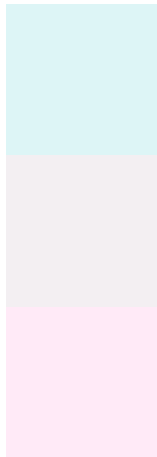


This preview shows how white text looks on a background with the Yxy color 87.3308, 0.2970, 0.3279.

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



Original Color

87.3308, 0.2970, 0.3279

Protanopia

87.1985, 0.3135, 0.3260

Deuteranopia

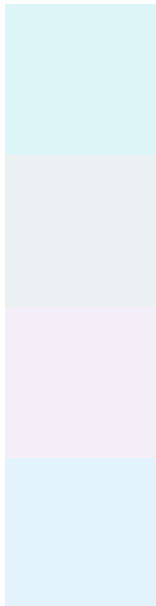
86.8210, 0.3187, 0.3164



Tritanopia

87.3823, 0.2968, 0.3159

Trichromacy



Original Color

87.3308, 0.2970, 0.3279

Protanomaly

87.0438, 0.3076, 0.3270

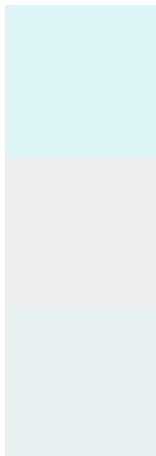
Deuteranomaly

86.9192, 0.3105, 0.3201

Tritanomaly

87.2982, 0.2967, 0.3198

Monochromacy



Original Color

87.3308, 0.2970, 0.3279

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.4173, 0.3069, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.3308, 0.2970, 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(221, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(221, 245, 246)  
}
```

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(221, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 245, 246) }
```

Border

The CSS property to change the border of an element to Yxy 87.3308, 0.2970, 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(221, 245, 246) }
```

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

```
.border{ border-color:rgb(221, 245, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(221, 245,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 87.3308, 0.2970, 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(221, 245, 246) }
```

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

```
.background{ background-color: rgb(221,  
245, 246) }
```

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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