

Converting Colors

$Yxy(86.0292, 0.2982, 0.3281)$

Have a look what the booklet for
Yxy(86.0292, 0.2982, 0.3281)
contains.

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Color

Yxy(86.0050, 0.2982, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DDF3F4
RGB	221, 243, 244
RGB Percent	87%, 95%, 96%
CMY	0.1331, 0.0471, 0.0431
CMYK	0.09, 0.00, 0.00, 0.04
HSL	183°, 51%, 91%
HSV	183°, 9%, 96%
XYZ	78.2150, 86.0050, 98.0704
YIQ	236.5360, -13.4330, -4.3530

Conversions

Conversions Part 2

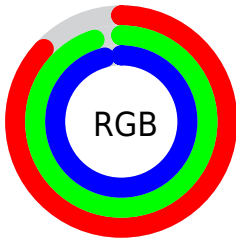
Format	Color
R _Y B	221, 232, 244
Decimal	14545908
CIE Lab	94.31, -6.95, -2.95
CIE LCh	94, 7.546, 203.013
Yxy	86.0050, 0.2982, 0.3279
Android (android.graphics.Color)	4292735988 (0xFFDDDF3F4)
YUV	236.5360, 3.6798, -13.6251
Hunter-Lab	92.7389, -11.7481, 2.2187

Details

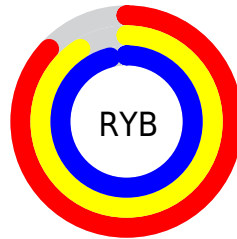
The Yxy color **86.0050, 0.2982, 0.3279** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.7503, 0.3291, 0.3301**, and the grayscale version is **84.3027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2785, 0.2950, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **81.8033, 0.2835, 0.3266**, and if you desaturate by 10%, it is **90.7745, 0.3137, 0.3291**.

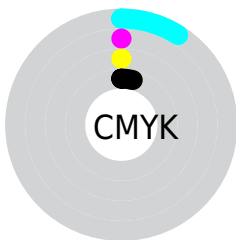
Distribution



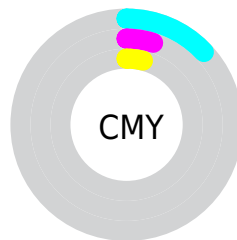
- Red (87%)
- Green (95%)
- Blue (96%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)




- Cyan (13%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0050, 0.2982, 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 86.0050, 0.2982, 0.3279 by changing the saturation by 10% instead.


 86.0050, 0.2982,
0.3279

 86.0050, 0.2982,
0.3279


514.9477, 0.3047,
0.3284

 64.6721, 0.2968,
0.3278


141.7765, 0.3004,
0.3281

 47.1953, 0.2950,
0.3276


176.9838, 0.3013,
0.3282

 33.1900, 0.2928,
0.3274


217.5848, 0.3020,
0.3282

 22.2721, 0.2900,
0.3271

263.9638, 0.3027,
0.3283

 14.0569, 0.2863,
0.3267

316.5052, 0.3033,
0.3283

 8.1603, 0.2812,
0.3262

375.5934, 0.3038,

 4.1977, 0.2735,

0.3284

0.3253

441.6127, 0.3043,
0.3284

■ 1.7847, 0.2611,
0.3236

■ 0.4776, 0.1911,
0.3209

■ 86.0050, 0.2982,
0.3279

■ 86.0050, 0.2982,
0.3279

■ 81.8033, 0.2835,
0.3266

■ 90.7745, 0.3137,
0.3291

■ 78.1346, 0.2698,
0.3253

■ 93.1924, 0.3198,
0.3301

■ 74.9769, 0.2574,
0.3239

■ 93.8518, 0.3197,
0.3312

■ 72.3024, 0.2467,
0.3224

■ 94.5150, 0.3196,
0.3322

70.0807, 0.2378,
0.3209

95.1822, 0.3196,
0.3333

68.2780, 0.2308,
0.3194

95.8532, 0.3195,
0.3343

66.8555, 0.2257,
0.3179

96.5281, 0.3194,
0.3353

65.7673, 0.2225,
0.3164

97.2068, 0.3193,
0.3364

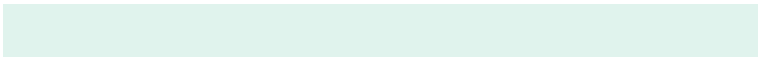
64.9415, 0.2209,
0.3149

97.8895, 0.3192,
0.3374

Harmonies

Analogous

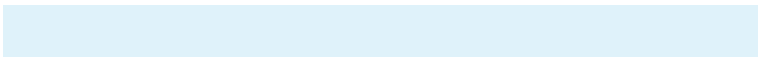
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0050, 0.3042, 0.3356



86.0050, 0.2982, 0.3279



86.0050, 0.2961, 0.3206

Triad

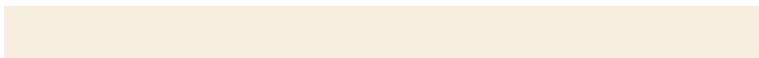
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0050, 0.2982, 0.3279



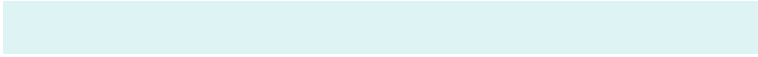
86.0050, 0.3128, 0.3169



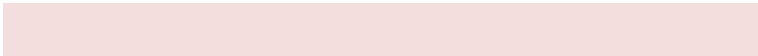
86.0050, 0.3273, 0.3423

Complementary

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



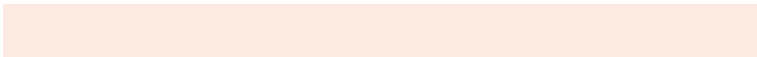
86.0050, 0.2982, 0.3279



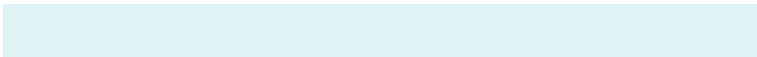
76.7503, 0.3291, 0.3301

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.



86.0050, 0.3297, 0.3371



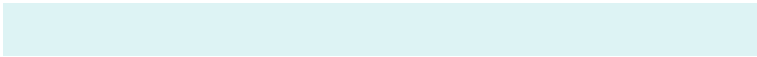
86.0050, 0.2982, 0.3279



86.0050, 0.3212, 0.3225

Square

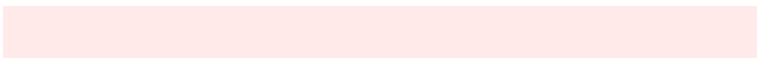
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0050, 0.2982, 0.3279



86.0050, 0.3044, 0.3144



86.0050, 0.3275, 0.3299



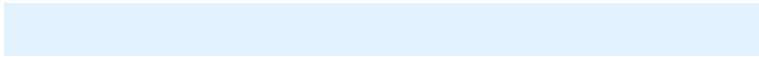
86.0050, 0.3209, 0.3440

Rectangle

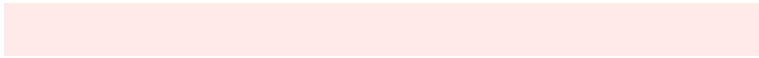
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



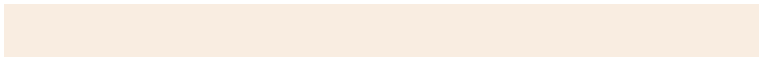
86.0050, 0.2982, 0.3279



86.0050, 0.2971, 0.3170



86.0050, 0.3275, 0.3299



86.0050, 0.3286, 0.3409

Sweetspot

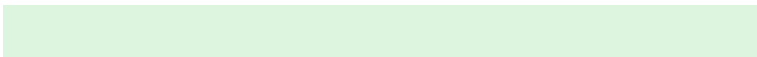
The Sweet Spot groups the original color and five complimentary colors.



86.0086, 0.2982, 0.3279



98.3609, 0.3080, 0.3287



85.3541, 0.3111, 0.3524



20.9616, 0.3068, 0.3286



0.0000, 0.0000, 0.0000



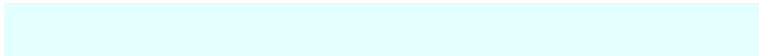
21.4041, 0.3127, 0.3290

Same Dimension

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



86.0086, 0.2982, 0.3279



94.2691, 0.2957, 0.3277



79.5021, 0.2981, 0.3162



18.6239, 0.2981, 0.3279



35.3397, 0.2209, 0.3151



3.1444, 0.2214, 0.3169

Inverse Universe

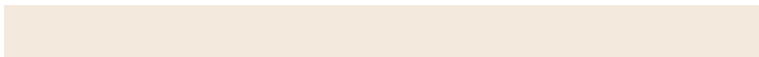
The Inverse Universe completely reimagines the original color for something new.



77.4555, 0.3145, 0.3069



83.3107, 0.3148, 0.3030



82.9087, 0.3279, 0.3415



16.7548, 0.3145, 0.3067



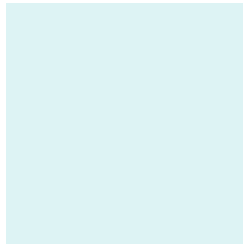
13.6669, 0.3324, 0.1605



1.2051, 0.3308, 0.1596

Previews

White Background



This preview shows how the Yxy color 86.0050, 0.2982, 0.3279 looks on a white background.

Color Contrast Check

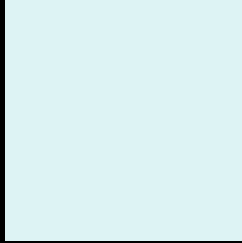
Large Text (above 18pt) WCAG AA × Fail

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 86.0050, 0.2982, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

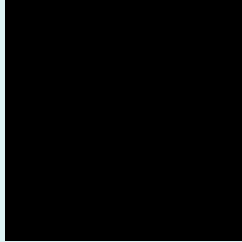
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

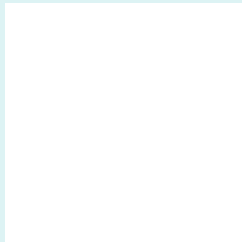
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0050, 0.2982, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 86.0050, 0.2982, 0.3279.

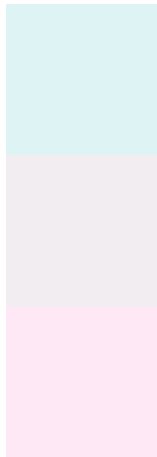


This preview shows how white text looks on a background with the Yxy color 86.0050, 0.2982, 0.3279.

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

86.0050, 0.2982, 0.3279

Protanopia

85.7965, 0.3136, 0.3250

Deuteranopia

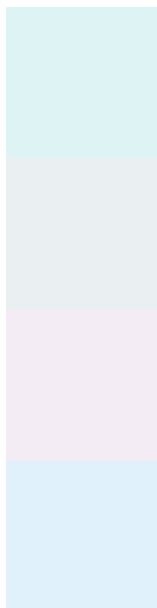
85.5658, 0.3201, 0.3163



Tritanopia

85.8711, 0.2956, 0.3138

Trichromacy



Original Color

86.0050, 0.2982, 0.3279

Protanomaly

85.6362, 0.3076, 0.3259

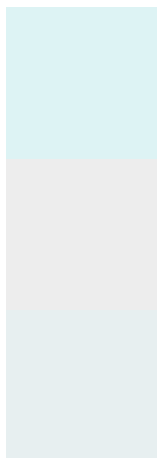
Deuteranomaly

85.6382, 0.3118, 0.3200

Tritanomaly

85.8832, 0.2966, 0.3188

Monochromacy



Original Color

86.0050, 0.2982, 0.3279

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.0132, 0.3069, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0050, 0.2982, 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, 243, 244)` looks like.

```
.text, #text, p{  
    color:rgb(221, 243, 244)  
}
```

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, 243, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 243, 244) }
```

Border

The CSS property to change the border of an element to Yxy 86.0050, 0.2982, 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, 243, 244) }
```

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

```
.border{ border-color:rgb(221, 243, 244) }
```

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

Here you see how a box with a 4 pixel rgb(221, 243, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 243, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 243, 244);  
box-shadow:4px 4px 4px 4px rgb(221, 243,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0050, 0.2982, 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, 243, 244) }
```

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

```
.background{ background-color: rgb(221,  
243, 244) }
```

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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