

Converting Colors

Yxy(85.2172, 0.3016, 0.3309)

Have a look what the booklet for
Yxy(85.2172, 0.3016, 0.3309)
contains.

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Color

Yxy(85.4835, 0.3017, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	DFF2F0
RGB	223, 242, 240
RGB Percent	87%, 95%, 94%
CMY	0.1255, 0.0510, 0.0587
CMYK	0.08, 0.00, 0.01, 0.05
HSL	174°, 42%, 91%
HSV	174°, 8%, 95%
XYZ	77.9165, 85.4835, 94.8583
YIQ	236.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

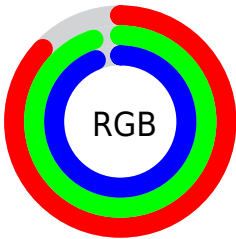
Format	Color
R _Y B	223, 233, 242
Decimal	14676720
CIE Lab	94.09, -6.58, -1.20
CIE LCh	94, 6.689, 190.363
Yxy	85.4835, 0.3017, 0.3310
Android (android.graphics.Color)	4292866800 (0xFFDFF2F0)
YUV	236.0910, 1.9271, -11.4808
Hunter-Lab	92.4573, -11.3729, 3.8904

Details

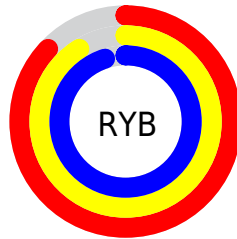
The Yxy color **85.4835, 0.3017, 0.3310** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.0900, 0.3249, 0.3270**, and the grayscale version is **83.9493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9033, 0.2995, 0.3316** is the 20% darker color. If you saturate the color by 10%, you get **81.7660, 0.2883, 0.3338**, and if you desaturate by 10%, it is **89.7597, 0.3158, 0.3285**.

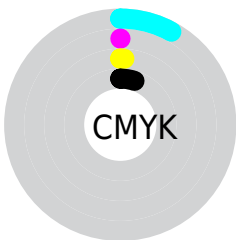
Distribution



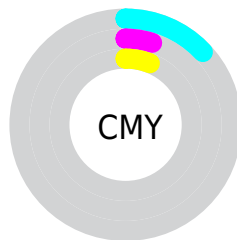
- Red (87%)
- Green (95%)
- Blue (94%)



- Red (87%)
- Yellow (91%)
- Blue (95%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)




- Cyan (13%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.4835, 0.3017, 0.3310 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 85.4835, 0.3017, 0.3310 by changing the saturation by 10% instead.


 85.4835, 0.3017,
0.3310

 85.4835, 0.3017,
0.3310


513.2266, 0.3066,
0.3301

 64.2410, 0.3006,
0.3312

141.0485, 0.3034,
0.3307

 46.8459, 0.2993,
0.3314


176.1398, 0.3041,
0.3306

 32.9138, 0.2976,
0.3317


216.6160, 0.3046,
0.3305

 22.0604, 0.2954,
0.3321

262.8617, 0.3051,
0.3304

 13.9013, 0.2926,
0.3325

315.2612, 0.3056,
0.3303

 8.0521, 0.2886,
0.3332

374.1989, 0.3060,

 4.1283, 0.2827,

0.3302

440.0593, 0.3063,
0.3302

0.3341

1.7456, 0.2729,
0.3356

0.4529, 0.2076,
0.3484

85.4835, 0.3017,
0.3310

85.4835, 0.3017,
0.3310

81.7660, 0.2883,
0.3338

89.7597, 0.3158,
0.3285

78.5731, 0.2758,
0.3368


91.3601, 0.3194,
0.3261

75.8836, 0.2645,
0.3400


91.5141, 0.3178,
0.3237


73.6706, 0.2548,
0.3434

91.6701, 0.3163,
0.3213


 71.9048, 0.2468,
0.3469

 91.8283, 0.3148,
0.3189

 70.5535, 0.2407,
0.3504

 91.9849, 0.3133,
0.3165

 69.5798, 0.2366,
0.3540

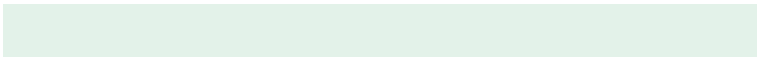
 68.9399, 0.2344,
0.3576

 68.5747, 0.2339,
0.3612

Harmonies

Analogous

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



85.4835, 0.3081, 0.3374



85.4835, 0.3017, 0.3310



85.4835, 0.2982, 0.3241

Triad

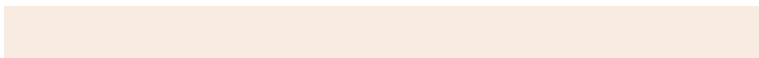
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4835, 0.3017, 0.3310



85.4835, 0.3095, 0.3169



85.4835, 0.3270, 0.3392

Complementary

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



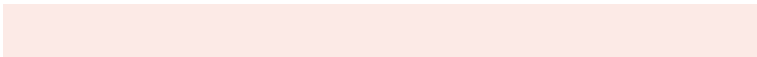
85.4835, 0.3017, 0.3310



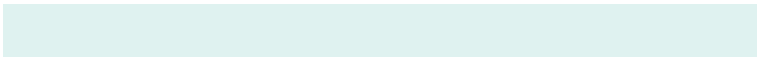
77.0900, 0.3249, 0.3270

Split Complementary

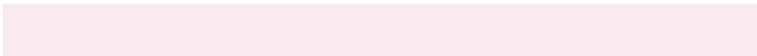
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.4835, 0.3274, 0.3336



85.4835, 0.3017, 0.3310



85.4835, 0.3173, 0.3208

Square

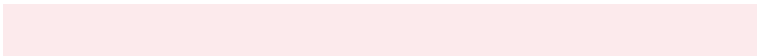
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4835, 0.3017, 0.3310



85.4835, 0.3027, 0.3161



85.4835, 0.3238, 0.3269



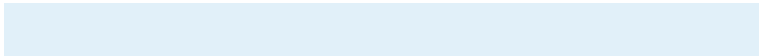
85.4835, 0.3227, 0.3421

Rectangle

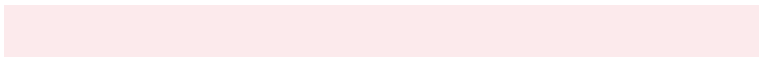
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



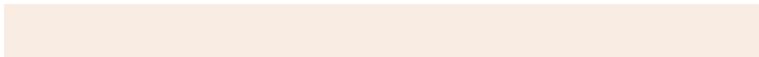
85.4835, 0.3017, 0.3310



85.4835, 0.2981, 0.3202



85.4835, 0.3238, 0.3269



85.4835, 0.3276, 0.3376

Sweetspot

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



85.4871, 0.3017, 0.3310



99.0116, 0.3099, 0.3295



84.8760, 0.3132, 0.3489



21.2029, 0.3100, 0.3295



0.0000, 0.0000, 0.0000



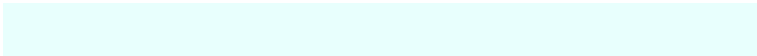
21.4041, 0.3127, 0.3290

Same Dimension

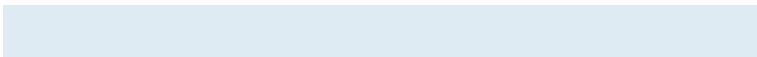
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4871, 0.3017, 0.3310



95.7522, 0.3001, 0.3313



81.3557, 0.3006, 0.3214



17.8991, 0.2995, 0.3314



36.8174, 0.2337, 0.3613



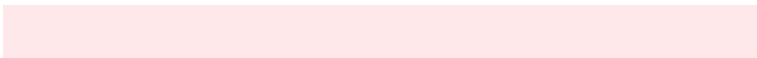
3.0709, 0.2324, 0.3566

Inverse Universe

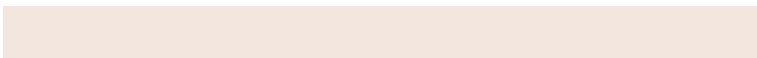
The Inverse Universe completely reimagines the original color for something new.



77.0900, 0.3249, 0.3270



84.9663, 0.3269, 0.3267



80.9588, 0.3255, 0.3365



15.7854, 0.3277, 0.3266



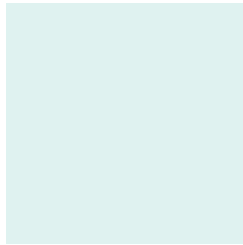
10.1880, 0.6279, 0.3233



0.8564, 0.6026, 0.3093

Previews

White Background



This preview shows how the Yxy color 85.4835, 0.3017, 0.3310 looks on a white background.

Color Contrast Check

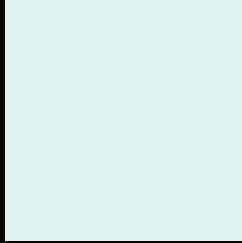
Large Text (above 18pt) WCAG AA × Fail

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 85.4835, 0.3017, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

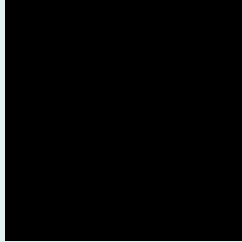
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

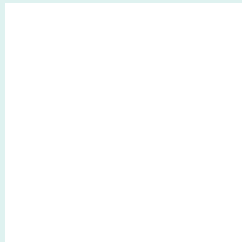
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.4835, 0.3017, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 85.4835, 0.3017, 0.3310.

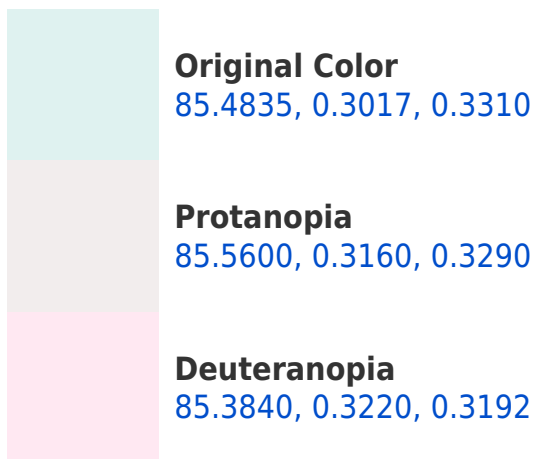


This preview shows how white text looks on a background with the Yxy color 85.4835, 0.3017, 0.3310.

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

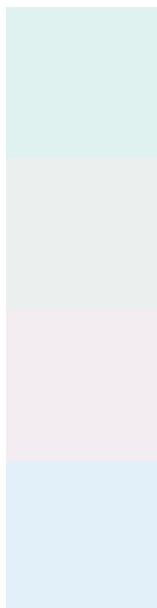




Tritanopia

85.4470, 0.2962, 0.3128

Trichromacy



Original Color

85.4835, 0.3017, 0.3310

Protanomaly

85.5682, 0.3107, 0.3300

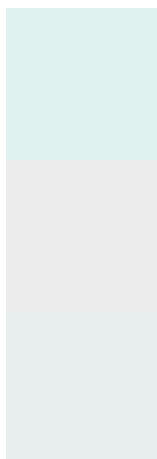
Deuteranomaly

85.3965, 0.3143, 0.3240

Tritanomaly

85.3911, 0.2978, 0.3188

Monochromacy



Original Color

85.4835, 0.3017, 0.3310

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.2524, 0.3087, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.4835, 0.3017, 0.3310 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(223, 242, 240)` looks like.

```
.text, #text, p{  
    color:rgb(223, 242, 240)  
}
```

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(223, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 242, 240) }
```

Border

The CSS property to change the border of an element to Yxy 85.4835, 0.3017, 0.3310 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(223, 242, 240) }
```

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

```
.border{ border-color:rgb(223, 242, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 242, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(223, 242,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 85.4835, 0.3017, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 242, 240) }
```

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

```
.background{ background-color: rgb(223,  
242, 240) }
```

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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