

Converting Colors

Yxy(85.1724, 0.2988, 0.3251)

Have a look what the booklet for
Yxy(85.1724, 0.2988, 0.3251)
contains.

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Color

Yxy(85.1911, 0.2988, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	DFF1F5
RGB	223, 241, 245
RGB Percent	87%, 95%, 96%
CMY	0.1255, 0.0549, 0.0391
CMYK	0.09, 0.02, 0.00, 0.04
HSL	191°, 53%, 92%
HSV	191°, 9%, 96%
XYZ	78.3716, 85.1911, 98.7252
YIQ	236.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

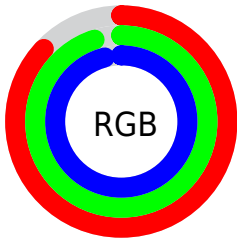
Format	Color
R _Y B	223, 233, 245
Decimal	14676469
CIE Lab	93.97, -5.13, -3.98
CIE LCh	94, 6.492, 217.820
Yxy	85.1911, 0.2988, 0.3248
Android (android.graphics.Color)	4292866549 (0xFFDFF1F5)
YUV	236.0740, 4.4005, -11.4659
Hunter-Lab	92.2990, -9.9580, 1.1914

Details

The Yxy color **85.1911, 0.2988, 0.3248** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.7018, 0.3280, 0.3332**, and the grayscale version is **83.9163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6969, 0.2958, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **78.9582, 0.2836, 0.3197**, and if you desaturate by 10%, it is **92.0597, 0.3143, 0.3294**.

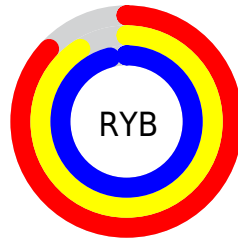
Distribution



Red (87%)

Green (95%)

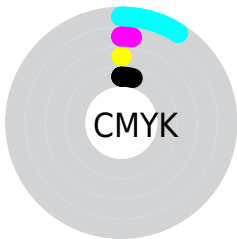
Blue (96%)



Red (87%)

Yellow (91%)

Blue (96%)

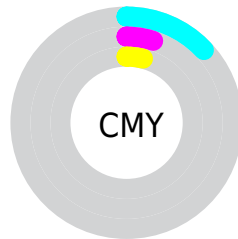


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (13%)


Magenta (5%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.1911, 0.2988, 0.3248 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 85.1911, 0.2988, 0.3248 by changing the saturation by 10% instead.


 85.1911, 0.2988,
0.3248

 85.1911, 0.2988,
0.3248


512.2602, 0.3050,
0.3267

 63.9993, 0.2974,
0.3244


140.6401, 0.3009,
0.3255

 46.6501, 0.2957,
0.3238


175.6662, 0.3018,
0.3257

 32.7591, 0.2936,
0.3231


216.0724, 0.3025,
0.3260

 21.9420, 0.2909,
0.3223

262.2432, 0.3031,
0.3261

 13.8143, 0.2874,
0.3211

314.5630, 0.3037,
0.3263

 7.9916, 0.2824,
0.3194

373.4161, 0.3042,

 4.0896, 0.2750,

0.3265

0.3168

439.1871, 0.3046,
0.3266

■ 1.7238, 0.2629,
0.3123

■ 0.4390, 0.1964,
0.2951

■ 85.1911, 0.2988,
0.3248

■ 85.1911, 0.2988,
0.3248

■ 78.9582, 0.2836,
0.3197

■ 92.0597, 0.3143,
0.3294

■ 73.3258, 0.2691,
0.3142

■ 96.2069, 0.3188,
0.3338

■ 68.2710, 0.2555,
0.3083

■ 99.0261, 0.3185,
0.3380

■ 63.7656, 0.2432,
0.3020

■ 99.3747, 0.3185,
0.3386

■ 59.7784, 0.2325,
0.2955

■ 56.2749, 0.2235,
0.2889

■ 53.2157, 0.2165,
0.2822

■ 50.5544, 0.2115,
0.2755

■ 48.2214, 0.2082,
0.2689

Harmonies

Analogous

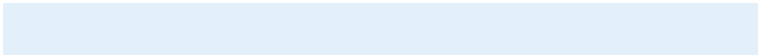
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1911, 0.3024, 0.3315



85.1911, 0.2988, 0.3248



85.1911, 0.2988, 0.3193

Triad

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



85.1911, 0.2988, 0.3248



85.1911, 0.3165, 0.3206



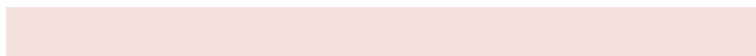
85.1911, 0.3229, 0.3417

Complementary

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



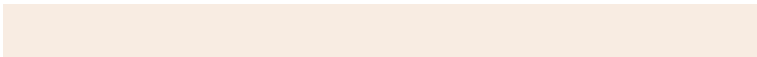
85.1911, 0.2988, 0.3248



79.7018, 0.3280, 0.3332

Split Complementary

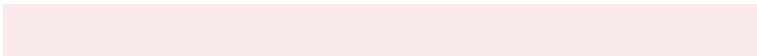
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.1911, 0.3268, 0.3385



85.1911, 0.2988, 0.3248



85.1911, 0.3231, 0.3264

Square

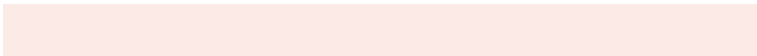
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1911, 0.2988, 0.3248



85.1911, 0.3090, 0.3170



85.1911, 0.3269, 0.3330



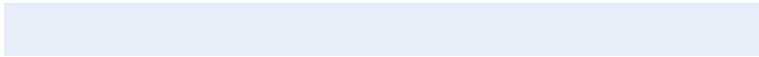
85.1911, 0.3163, 0.3413

Rectangle

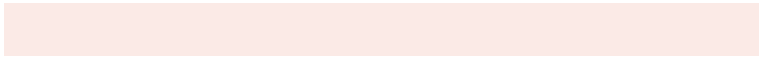
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.1911, 0.2988, 0.3248



85.1911, 0.3009, 0.3171



85.1911, 0.3269, 0.3330



85.1911, 0.3246, 0.3410

Sweetspot

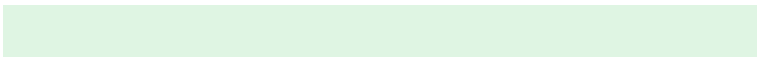
The Sweet Spot groups the original color and five complimentary colors.



85.1947, 0.2988, 0.3248



97.6880, 0.3080, 0.3276



86.5414, 0.3095, 0.3482



20.7793, 0.3068, 0.3273



0.0000, 0.0000, 0.0000



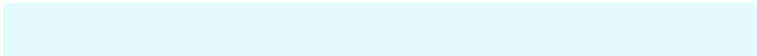
21.4041, 0.3127, 0.3290

Same Dimension

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



85.1947, 0.2988, 0.3248



91.8317, 0.2957, 0.3238



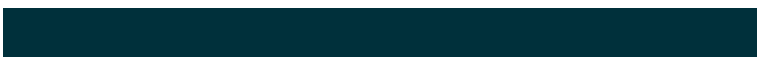
79.0683, 0.2988, 0.3137



18.2119, 0.2980, 0.3246



26.0371, 0.2082, 0.2694



2.4194, 0.2105, 0.2776

Inverse Universe

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



78.5449, 0.3164, 0.3109



83.0646, 0.3173, 0.3067



85.7147, 0.3269, 0.3439



16.7132, 0.3166, 0.3099



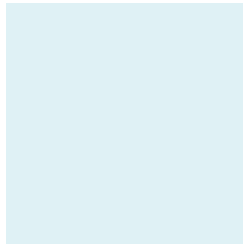
12.7278, 0.3734, 0.1831



1.1319, 0.3656, 0.1788

Previews

White Background



This preview shows how the Yxy color 85.1911, 0.2988, 0.3248 looks on a white background.

Color Contrast Check

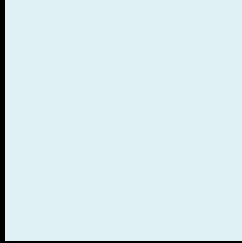
Large Text (above 18pt) WCAG AA × Fail

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 85.1911, 0.2988, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

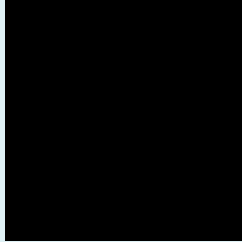
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

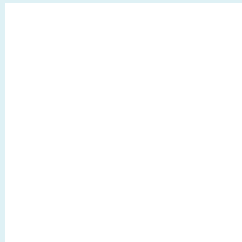
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.1911, 0.2988, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 85.1911, 0.2988, 0.3248.

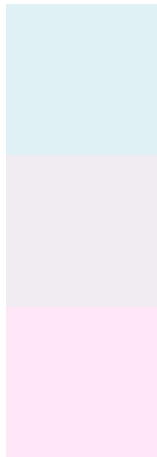


This preview shows how white text looks on a background with the Yxy color 85.1911, 0.2988, 0.3248.

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

85.1911, 0.2988, 0.3248

Protanopia

84.9270, 0.3117, 0.3230

Deuteranopia

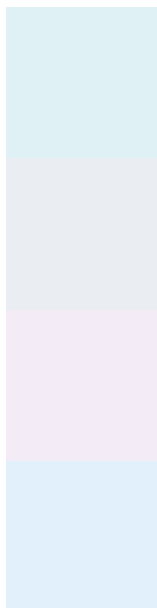
85.1272, 0.3189, 0.3134



Tritanopia

85.2839, 0.2955, 0.3127

Trichromacy



Original Color

85.1911, 0.2988, 0.3248

Protanomaly

85.1126, 0.3071, 0.3239

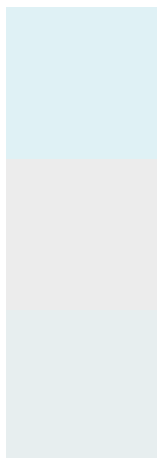
Deuteranomaly

85.1252, 0.3112, 0.3180

Tritanomaly

85.4540, 0.2972, 0.3177

Monochromacy



Original Color

85.1911, 0.2988, 0.3248

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.3700, 0.3075, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.1911, 0.2988, 0.3248 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, 241, 245)` looks like.

```
.text, #text, p{  
    color:rgb(223, 241, 245)  
}
```

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, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 241, 245) }
```

Border

The CSS property to change the border of an element to Yxy 85.1911, 0.2988, 0.3248 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, 241, 245) }
```

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

```
.border{ border-color:rgb(223, 241, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 241, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(223, 241,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 85.1911, 0.2988, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 241, 245) }
```

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

```
.background{ background-color: rgb(223,  
241, 245) }
```

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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