

Converting Colors

$Yxy(79.4675, 0.3014, 0.3335)$

Have a look what the booklet for
Yxy(79.4675, 0.3014, 0.3335)
contains.

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Color

Yxy(79.4823, 0.3013, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	D6EBE7
RGB	214, 235, 231
RGB Percent	84%, 92%, 91%
CMY	0.1610, 0.0784, 0.0942
CMYK	0.09, 0.00, 0.02, 0.08
HSL	168°, 35%, 88%
HSV	168°, 9%, 92%
XYZ	71.8512, 79.4823, 87.1372
YIQ	228.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

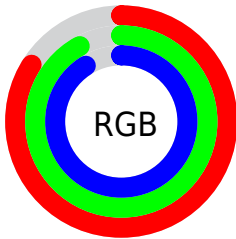
Format	Color
R _Y B	214, 226, 235
Decimal	14085095
CIE Lab	91.45, -7.68, -0.42
CIE LCh	91, 7.688, 183.156
Yxy	79.4823, 0.3013, 0.3333
Android (android.graphics.Color)	4292275175 (0xFFD6EBE7)
YUV	228.2650, 1.3484, -12.5104
Hunter-Lab	89.1528, -12.1584, 4.4575

Details

The Yxy color **79.4823, 0.3013, 0.3333** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7991, 0.3255, 0.3247**, and the grayscale version is **77.7794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7063, 0.2989, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **75.9502, 0.2891, 0.3386**, and if you desaturate by 10%, it is **83.5378, 0.3141, 0.3285**.

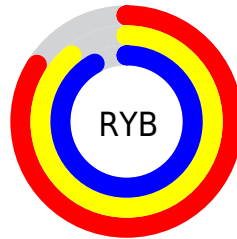
Distribution



Red (84%)

Green (92%)

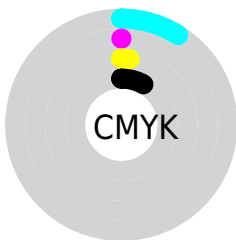
Blue (91%)



Red (84%)

Yellow (89%)

Blue (92%)

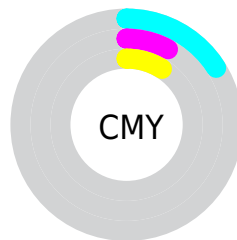


Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (8%)



Cyan (16%)


Magenta (8%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.4823, 0.3013, 0.3333 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 79.4823, 0.3013, 0.3333 by changing the saturation by 10% instead.


 79.4823, 0.3013,
0.3333

 79.4823, 0.3013,
0.3333

493.1864, 0.3065,
0.3314

 59.2924, 0.3001,
0.3337


132.6376, 0.3031,
0.3326

 42.8486, 0.2987,
0.3343


166.3719, 0.3038,
0.3324

 29.7663, 0.2969,
0.3349

205.3897, 0.3044,
0.3321

 19.6613, 0.2946,
0.3358

250.0755, 0.3049,
0.3319

 12.1491, 0.2914,
0.3370

300.8137, 0.3054,
0.3318

 6.8453, 0.2869,
0.3386

357.9887, 0.3058,

 3.3655, 0.2801,

0.3316

421.9848, 0.3062,
0.3315

0.3411

1.3254, 0.2684,
0.3454

0.1608, 0.0000,
0.4400

79.4823, 0.3013,
0.3333

79.4823, 0.3013,
0.3333

75.9502, 0.2891,
0.3386

83.5378, 0.3141,
0.3285

72.9096, 0.2777,
0.3443


86.9789, 0.3231,
0.3242

70.3406, 0.2675,
0.3504


87.2504, 0.3202,
0.3198

68.2178, 0.2587,
0.3569

87.5286, 0.3173,
0.3154


 66.5136, 0.2516,
0.3637


 87.8136, 0.3145,
0.3111

 65.1973, 0.2464,
0.3706

 87.9077, 0.3136,
0.3098

 64.2337, 0.2432,
0.3777

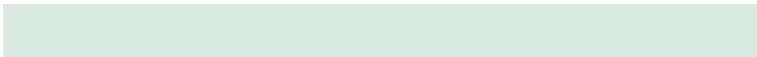
 63.5815, 0.2419,
0.3847

 63.1775, 0.2422,
0.3916

Harmonies

Analogous

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



79.4823, 0.3094, 0.3404



79.4823, 0.3013, 0.3333



79.4823, 0.2963, 0.3251

Triad

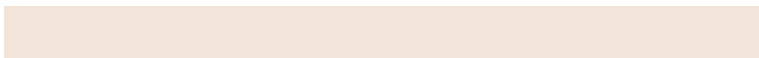
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4823, 0.3013, 0.3333



79.4823, 0.3068, 0.3142



79.4823, 0.3301, 0.3396

Complementary

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



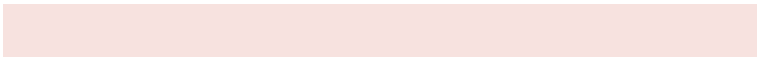
79.4823, 0.3013, 0.3333



70.7991, 0.3255, 0.3247

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.



79.4823, 0.3294, 0.3326



79.4823, 0.3013, 0.3333



79.4823, 0.3159, 0.3180

Square

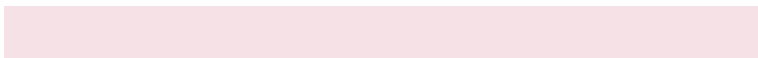
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



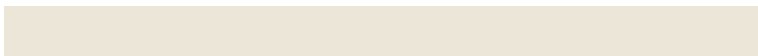
79.4823, 0.3013, 0.3333



79.4823, 0.2994, 0.3142



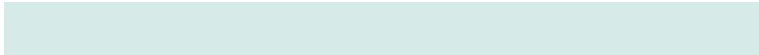
79.4823, 0.3242, 0.3247



79.4823, 0.3261, 0.3440

Rectangle

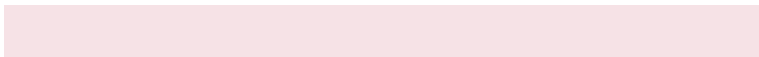
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



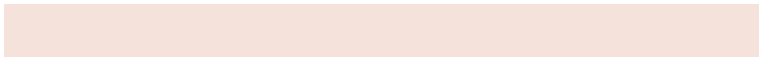
79.4823, 0.3013, 0.3333



79.4823, 0.2953, 0.3202



79.4823, 0.3242, 0.3247



79.4823, 0.3304, 0.3375

Sweetspot

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



79.4857, 0.3013, 0.3333



98.4836, 0.3088, 0.3304



79.2122, 0.3145, 0.3518



20.9949, 0.3078, 0.3308



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.



79.4857, 0.3013, 0.3333



94.7208, 0.2987, 0.3344



76.1622, 0.2989, 0.3222



17.0694, 0.3007, 0.3336



35.1526, 0.2420, 0.3912



2.7731, 0.2393, 0.3816

Inverse Universe

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



70.7991, 0.3255, 0.3247



82.0160, 0.3288, 0.3237



73.8498, 0.3276, 0.3357



15.1013, 0.3263, 0.3245



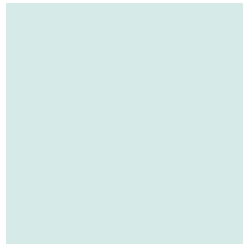
9.9497, 0.6093, 0.3130



0.7944, 0.5723, 0.2926

Previews

White Background



This preview shows how the Yxy color 79.4823, 0.3013, 0.3333 looks on a white background.

Color Contrast Check

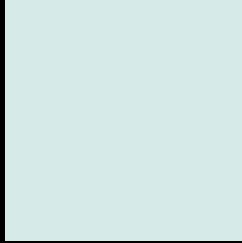
Large Text (above 18pt) WCAG AA × Fail

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 79.4823, 0.3013, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

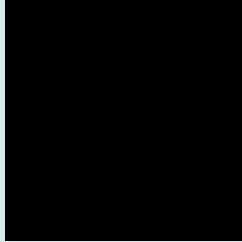
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

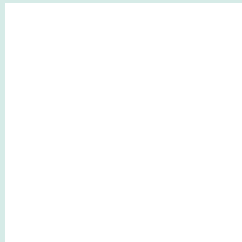
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.4823, 0.3013, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 79.4823, 0.3013, 0.3333.

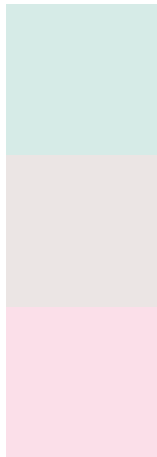


This preview shows how white text looks on a background with the Yxy color 79.4823, 0.3013, 0.3333.

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

79.4823, 0.3013, 0.3333

Protanopia

79.3022, 0.3175, 0.3301

Deuteranopia

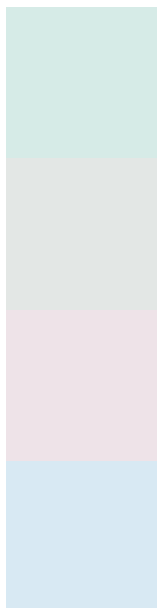
79.1678, 0.3259, 0.3190



Tritanopia

79.3671, 0.2920, 0.3101

Trichromacy



Original Color

79.4823, 0.3013, 0.3333

Protanomaly

79.1399, 0.3113, 0.3311

Deuteranomaly

78.9415, 0.3171, 0.3239

Tritanomaly

79.3478, 0.2955, 0.3184

Monochromacy



Original Color

79.4823, 0.3013, 0.3333

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.4969, 0.3086, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4823, 0.3013, 0.3333 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(214, 235, 231)` looks like.

```
.text, #text, p{  
    color:rgb(214, 235, 231)  
}
```

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(214, 235, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 235, 231) }
```

Border

The CSS property to change the border of an element to Yxy 79.4823, 0.3013, 0.3333 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(214, 235, 231) }
```

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

```
.border{ border-color:rgb(214, 235, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 235, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 235, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 235, 231);  
box-shadow:4px 4px 4px 4px rgb(214, 235,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4823, 0.3013, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 235, 231) }
```

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

```
.background{ background-color: rgb(214,  
235, 231) }
```

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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