

Converting Colors

$Yxy(79.1371, 0.2986, 0.3349)$

Have a look what the booklet for
Yxy(79.1371, 0.2986, 0.3349)
contains.

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Color

Yxy(79.2594, 0.2987, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	D1ECE6
RGB	209, 236, 230
RGB Percent	82%, 93%, 90%
CMY	0.1804, 0.0745, 0.0982
CMYK	0.11, 0.00, 0.03, 0.07
HSL	167°, 42%, 87%
HSV	167°, 11%, 93%
XYZ	70.5657, 79.2594, 86.4176
YIQ	227.2430, -14.1660, -7.5900

Conversions

Conversions Part 2

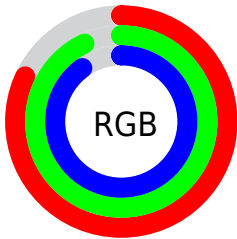
Format	Color
R _Y B	209, 224, 236
Decimal	13757670
CIE Lab	91.35, -9.98, -0.08
CIE LCh	91, 9.976, 180.482
Yxy	79.2594, 0.2987, 0.3355
Android (android.graphics.Color)	4291947750 (0xFFD1ECE6)
YUV	227.2430, 1.3592, -15.9991
Hunter-Lab	89.0277, -14.3149, 4.7677

Details

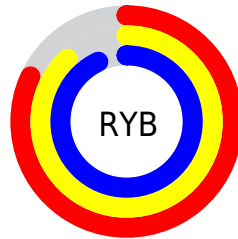
The Yxy color **79.2594, 0.2987, 0.3355** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.3367, 0.3289, 0.3226**, and the grayscale version is **76.9985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6077, 0.2948, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **75.7796, 0.2871, 0.3418**, and if you desaturate by 10%, it is **83.2647, 0.3109, 0.3298**.

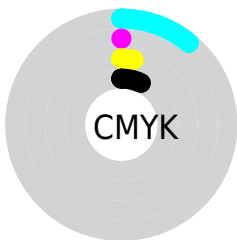
Distribution



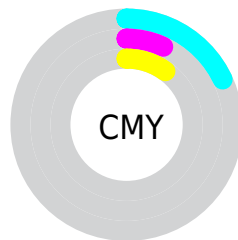
- Red (82%)
- Green (93%)
- Blue (90%)



- Red (82%)
- Yellow (88%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2594, 0.2987, 0.3355 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 79.2594, 0.2987, 0.3355 by changing the saturation by 10% instead.

79.2594, 0.2987,
0.3355

79.2594, 0.2987,
0.3355

492.4334, 0.3051,
0.3326

59.1091, 0.2973,
0.3362

132.3240, 0.3009,
0.3345

42.7010, 0.2955,
0.3370

166.0071, 0.3018,
0.3341

29.6506, 0.2933,
0.3380

204.9699, 0.3025,
0.3337

19.5735, 0.2904,
0.3393

249.5968, 0.3032,
0.3334

12.0854, 0.2865,
0.3411

300.2722, 0.3037,
0.3332

6.8019, 0.2810,
0.3436

357.3805, 0.3042,

3.3385, 0.2726,

0.3329

421.3061, 0.3047,
0.3327

0.3475

1.3109, 0.2582,
0.3541

0.1496, 0.0000,
0.4699

79.2594, 0.2987,
0.3355

79.2594, 0.2987,
0.3355

75.7796, 0.2871,
0.3418

83.2647, 0.3109,
0.3298

72.7930, 0.2763,
0.3486

87.5807, 0.3226,
0.3246

70.2788, 0.2667,
0.3559

87.8999, 0.3193,
0.3195

68.2109, 0.2586,
0.3637

88.2283, 0.3160,
0.3144

■ 66.5606, 0.2522,
0.3717

■ 88.4782, 0.3136,
0.3107

■ 65.2958, 0.2477,
0.3800

■ 64.3798, 0.2452,
0.3883

■ 63.7684, 0.2447,
0.3966

■ 63.4266, 0.2455,
0.4037

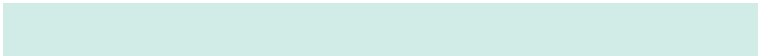
Harmonies

Analogous

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



79.2594, 0.3094, 0.3445



79.2594, 0.2987, 0.3355



79.2594, 0.2918, 0.3248

Triad

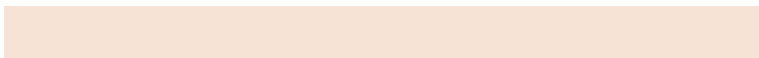
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2594, 0.2987, 0.3355



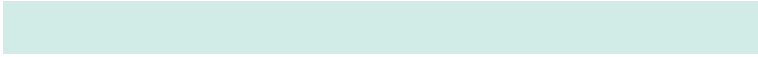
79.2594, 0.3041, 0.3096



79.2594, 0.3356, 0.3420

Complementary

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



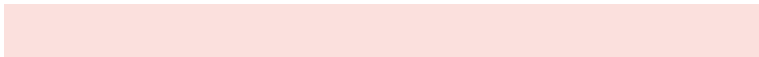
79.2594, 0.2987, 0.3355



68.3367, 0.3289, 0.3226

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.



79.2594, 0.3341, 0.3326



79.2594, 0.2987, 0.3355



79.2594, 0.3157, 0.3142

Square

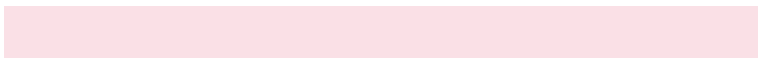
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



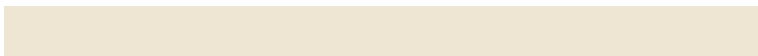
79.2594, 0.2987, 0.3355



79.2594, 0.2948, 0.3100



79.2594, 0.3268, 0.3225



79.2594, 0.3308, 0.3482

Rectangle

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



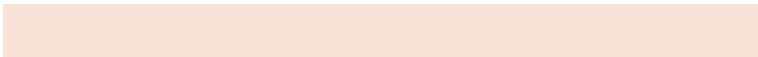
79.2594, 0.2987, 0.3355



79.2594, 0.2902, 0.3182



79.2594, 0.3268, 0.3225



79.2594, 0.3358, 0.3391

Sweetspot

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



79.2627, 0.2987, 0.3355



98.4681, 0.3090, 0.3306



79.0922, 0.3156, 0.3585



20.9907, 0.3080, 0.3311



0.0000, 0.0000, 0.0000



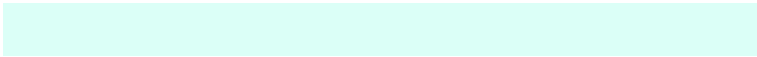
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2627, 0.2987, 0.3355



93.3430, 0.2956, 0.3371



75.5410, 0.2950, 0.3211



17.0609, 0.3011, 0.3343



34.9781, 0.2451, 0.4023



2.7608, 0.2419, 0.3909

Inverse Universe

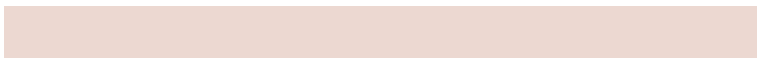
The Inverse Universe completely reimagines the original color for something new.



68.3367, 0.3289, 0.3226



77.6415, 0.3331, 0.3211



71.6483, 0.3323, 0.3367



15.1092, 0.3258, 0.3238



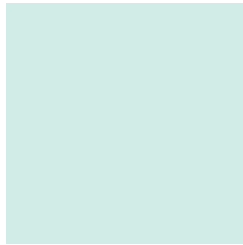
9.9864, 0.6006, 0.3082



0.7984, 0.5623, 0.2871

Previews

White Background



This preview shows how the Yxy color 79.2594, 0.2987, 0.3355 looks on a white background.

Color Contrast Check

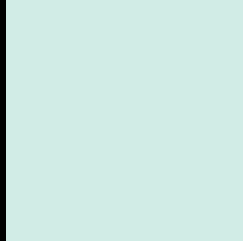
Large Text (above 18pt) WCAG AA × Fail

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 79.2594, 0.2987, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

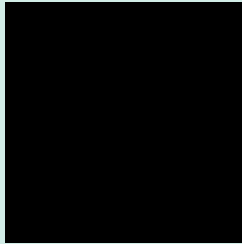
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

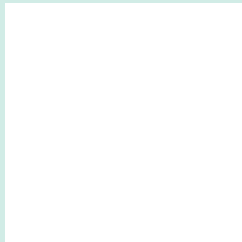
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2594, 0.2987, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 79.2594, 0.2987, 0.3355.

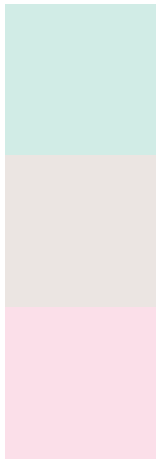


This preview shows how white text looks on a background with the Yxy color 79.2594, 0.2987, 0.3355.

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

79.2594, 0.2987, 0.3355

Protanopia

79.1918, 0.3188, 0.3321

Deuteranopia

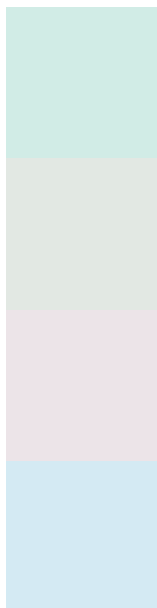
79.1678, 0.3259, 0.3190



Tritanopia

79.3890, 0.2890, 0.3100

Trichromacy



Original Color

79.2594, 0.2987, 0.3355

Protanomaly

79.4280, 0.3118, 0.3343

Deuteranomaly

79.1459, 0.3157, 0.3249

Tritanomaly

79.3138, 0.2930, 0.3194

Monochromacy



Original Color

79.2594, 0.2987, 0.3355

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.4107, 0.3072, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2594, 0.2987, 0.3355 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(209, 236, 230)` looks like.

```
.text, #text, p{  
    color:rgb(209, 236, 230)  
}
```

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(209, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 236, 230) }
```

Border

The CSS property to change the border of an element to Yxy 79.2594, 0.2987, 0.3355 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(209, 236, 230) }
```

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

```
.border{ border-color:rgb(209, 236, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 236, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(209, 236,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2594, 0.2987, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 236, 230) }
```

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

```
.background{ background-color: rgb(209,  
236, 230) }
```

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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