

Converting Colors

$Yxy(79.6259, 0.2846, 0.3235)$

Have a look what the booklet for
Yxy(79.6259, 0.2846, 0.3235)
contains.

| | |
|---|----|
| Yxy(79.6259, 0.2846, 0.3235) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(79.6259, 0.2846, 0.3235)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C6EEF3 |
| RGB | 198, 238, 243 |
| RGB Percent | 78%, 93%, 95% |
| CMY | 0.2233, 0.0667, 0.0471 |
| CMYK | 0.18, 0.02, 0.00, 0.05 |
| HSL | 187°, 65%, 86% |
| HSV | 187°, 18%, 95% |
| XYZ | 70.0511, 79.6259, 96.4618 |
| YIQ | 226.6100, -25.4450, -6.9250 |

Conversions

Conversions Part 2

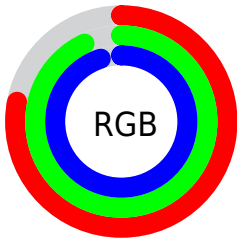
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 198, 219, 243 |
| Decimal | 13037299 |
| CIE Lab | 91.52, -11.79, -6.71 |
| CIE LCh | 92, 13.568, 209.651 |
| Yxy | 79.6259, 0.2846, 0.3235 |
| Android (android.graphics.Color) | 4291227379 (0xFFC6EEF3) |
| YUV | 226.6100, 8.0803, -25.0910 |
| Hunter-Lab | 89.2333, -16.0300, -1.6295 |

Details

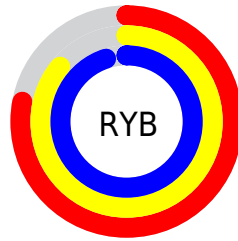
The Yxy color **79.6259, 0.2846, 0.3235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.8729, 0.3479, 0.3344**, and the grayscale version is **76.4812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8834, 0.2779, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **75.0244, 0.2704, 0.3202**, and if you desaturate by 10%, it is **84.7873, 0.2996, 0.3266**.

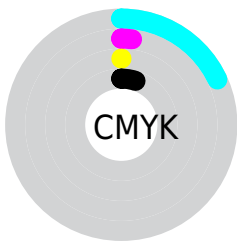
Distribution



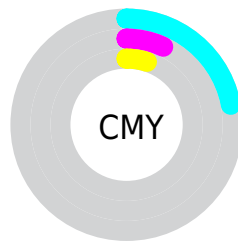
- Red (78%)
- Green (93%)
- Blue (95%)



- Red (78%)
- Yellow (86%)
- Blue (95%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (22%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6259, 0.2846, 0.3235 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 79.6259, 0.2846, 0.3235 by changing the saturation by 10% instead.

■ 79.6259, 0.2846,
0.3235

■ 79.6259, 0.2846,
0.3235

493.6712, 0.2973,
0.3262

■ 59.4106, 0.2818,
0.3229

132.8396, 0.2889,
0.3244

■ 42.9437, 0.2783,
0.3221

166.6068, 0.2907,
0.3248

■ 29.8409, 0.2740,
0.3211

205.6601, 0.2921,
0.3251

■ 19.7179, 0.2684,
0.3197

250.3838, 0.2934,
0.3254

■ 12.1901, 0.2610,
0.3178

301.1624, 0.2946,
0.3256

■ 6.8733, 0.2506,
0.3150

358.3802, 0.2956,

■ 3.3830, 0.2351,

0.3258

0.3104

422.4217, 0.2965,
0.3260

1.3348, 0.2095,
0.3018

0.1679, 0.0000,
0.2048

79.6259, 0.2846,
0.3235

79.6259, 0.2846,
0.3235

75.0244, 0.2704,
0.3202

84.7873, 0.2996,
0.3266

70.9477, 0.2574,
0.3166

90.5224, 0.3151,
0.3294

67.3717, 0.2458,
0.3129

93.7033, 0.3203,
0.3320

64.2665, 0.2359,
0.3091

95.3605, 0.3201,
0.3346

■ 61.5989, 0.2278,
0.3052

■ 97.0417, 0.3199,
0.3372

■ 59.3308, 0.2217,
0.3013

■ 98.7470, 0.3197,
0.3398

■ 57.4176, 0.2176,
0.2974

■ 99.2504, 0.3197,
0.3405

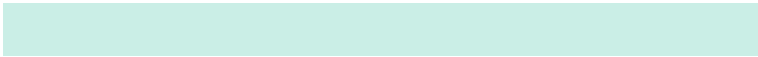
■ 55.7953, 0.2150,
0.2936

■ 55.5622, 0.2147,
0.2930

Harmonies

Analogous

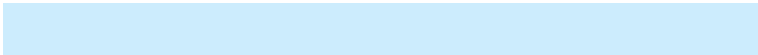
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6259, 0.2940, 0.3382



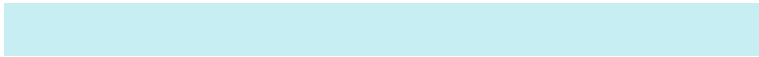
79.6259, 0.2846, 0.3235



79.6259, 0.2825, 0.3108

Triad

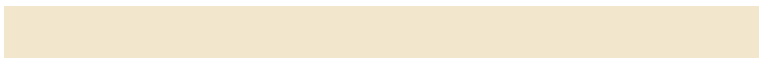
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6259, 0.2846, 0.3235



79.6259, 0.3163, 0.3088



79.6259, 0.3375, 0.3549

Complementary

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



79.6259, 0.2846, 0.3235



65.8729, 0.3479, 0.3344

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.



79.6259, 0.3439, 0.3462



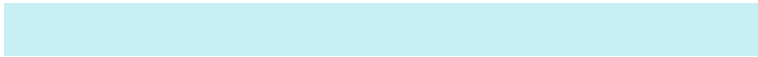
79.6259, 0.2846, 0.3235



79.6259, 0.3315, 0.3198

Square

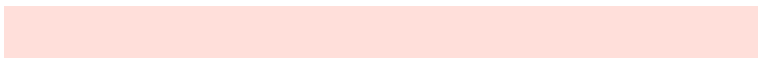
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6259, 0.2846, 0.3235



79.6259, 0.3005, 0.3028



79.6259, 0.3417, 0.3334



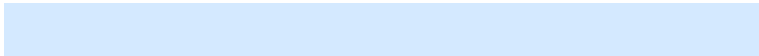
79.6259, 0.3245, 0.3567

Rectangle

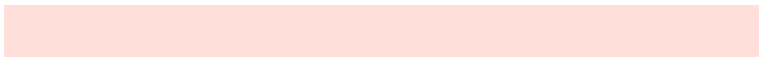
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



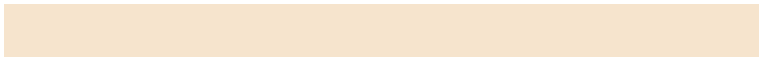
79.6259, 0.2846, 0.3235



79.6259, 0.2855, 0.3052



79.6259, 0.3417, 0.3334



79.6259, 0.3405, 0.3526

Sweetspot

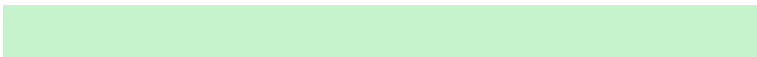
The Sweet Spot groups the original color and five complimentary colors.



79.6292, 0.2846, 0.3235



96.1317, 0.3034, 0.3273



80.3998, 0.3077, 0.3744



20.4891, 0.3024, 0.3271



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.



79.6292, 0.2846, 0.3235



86.9514, 0.2794, 0.3223



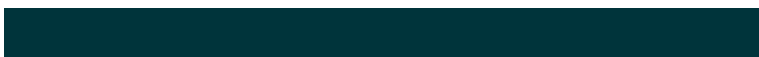
67.6133, 0.2832, 0.2990



18.4245, 0.2981, 0.3263



30.6222, 0.2149, 0.2936



2.7794, 0.2162, 0.2984

Inverse Universe

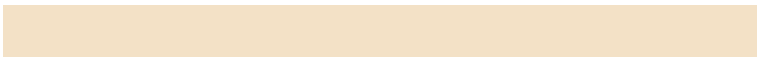
The Inverse Universe completely reimagines the original color for something new.



65.6420, 0.3185, 0.2879



68.8854, 0.3197, 0.2798



76.9934, 0.3438, 0.3573



16.7347, 0.3155, 0.3082



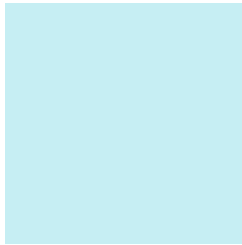
13.1907, 0.3511, 0.1708



1.1682, 0.3468, 0.1684

Previews

White Background



This preview shows how the Yxy color 79.6259, 0.2846, 0.3235 looks on a white background.

Color Contrast Check

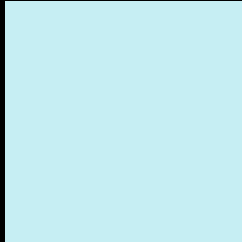
Large Text (above 18pt) WCAG AA × Fail

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 79.6259, 0.2846, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

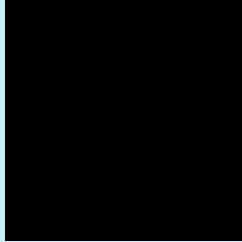
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.6259, 0.2846, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 79.6259, 0.2846, 0.3235.

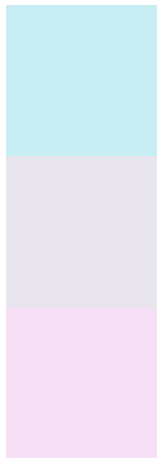


This preview shows how white text looks on a background with the Yxy color 79.6259, 0.2846, 0.3235.

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

79.6259, 0.2846, 0.3235

Protanopia

79.3675, 0.3091, 0.3197

Deuteranopia

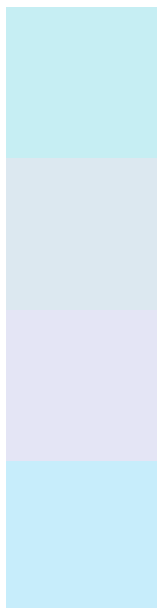
79.3776, 0.3131, 0.3070



Tritanopia

79.4903, 0.2791, 0.3087

Trichromacy



Original Color

79.6259, 0.2846, 0.3235

Protanomaly

79.2201, 0.2998, 0.3205

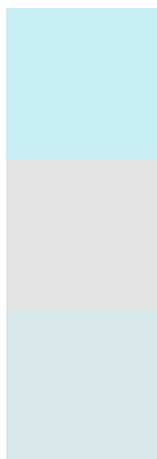
Deuteranomaly

79.1252, 0.3021, 0.3124

Tritanomaly

79.6755, 0.2807, 0.3139

Monochromacy



Original Color

79.6259, 0.2846, 0.3235

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.6339, 0.3014, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6259, 0.2846, 0.3235 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(198, 238, 243)` looks like.

```
.text, #text, p{  
    color:rgb(198, 238, 243)  
}
```

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(198, 238, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 238, 243) }
```

Border

The CSS property to change the border of an element to Yxy 79.6259, 0.2846, 0.3235 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(198, 238, 243) }
```

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

```
.border{ border-color:rgb(198, 238, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 238, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 238, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 238, 243);  
box-shadow:4px 4px 4px 4px rgb(198, 238,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6259, 0.2846, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 238, 243) }
```

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

```
.background{ background-color: rgb(198,  
238, 243) }
```

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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