

Converting Colors

$Yxy(79.3858, 0.2899, 0.3233)$

Have a look what the booklet for
Yxy(79.3858, 0.2899, 0.3233)
contains.

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Color

Yxy(79.3209, 0.2898, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	CDECF1
RGB	205, 236, 241
RGB Percent	80%, 93%, 95%
CMY	0.1963, 0.0744, 0.0550
CMYK	0.15, 0.02, 0.00, 0.06
HSL	188°, 56%, 87%
HSV	188°, 15%, 94%
XYZ	71.0358, 79.3209, 94.7635
YIQ	227.3010, -20.0810, -5.0170

Conversions

Conversions Part 2

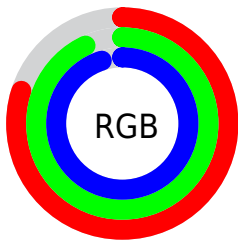
Format	Color
R _Y B	205, 222, 241
Decimal	13495537
CIE Lab	91.38, -9.09, -5.82
CIE LCh	91, 10.793, 212.602
Yxy	79.3209, 0.2898, 0.3236
Android (android.graphics.Color)	4291685617 (0xFFCDECF1)
YUV	227.3010, 6.7536, -19.5580
Hunter-Lab	89.0623, -13.4879, -0.7418

Details

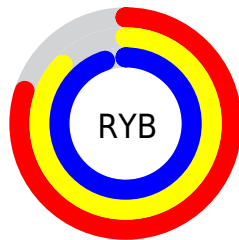
The Yxy color **79.3209, 0.2898, 0.3236** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1480, 0.3399, 0.3343**, and the grayscale version is **77.0024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6293, 0.2844, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **74.2674, 0.2752, 0.3196**, and if you desaturate by 10%, it is **84.9441, 0.3050, 0.3273**.

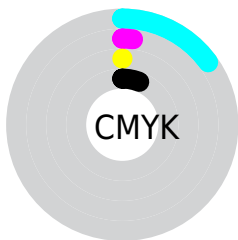
Distribution



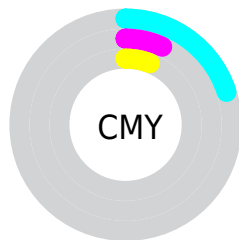
- Red (80%)
- Green (93%)
- Blue (95%)



- Red (80%)
- Yellow (87%)
- Blue (95%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3209, 0.2898, 0.3236 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 79.3209, 0.2898, 0.3236 by changing the saturation by 10% instead.

■ 79.3209, 0.2898,
0.3236

■ 79.3209, 0.2898,
0.3236

492.6413, 0.3002,
0.3262

■ 59.1597, 0.2875,
0.3230

132.4105, 0.2934,
0.3245

■ 42.7417, 0.2846,
0.3223

166.1077, 0.2948,
0.3248

■ 29.6825, 0.2811,
0.3213

205.0857, 0.2960,
0.3251

■ 19.5977, 0.2765,
0.3200

249.7289, 0.2970,
0.3254

■ 12.1030, 0.2704,
0.3183

300.4216, 0.2979,
0.3256

■ 6.8138, 0.2618,
0.3157

357.5484, 0.2988,

■ 3.3459, 0.2488,

0.3258

0.3116

421.4934, 0.2995,
0.3260

■ 1.3149, 0.2271,
0.3039

■ 0.1527, 0.0000,
0.2105

■ 79.3209, 0.2898,
0.3236

■ 79.3209, 0.2898,
0.3236

■ 74.2674, 0.2752,
0.3196

■ 84.9441, 0.3050,
0.3273

■ 69.7495, 0.2615,
0.3153

■ 91.1498, 0.3206,
0.3307

■ 65.7442, 0.2491,
0.3108

■ 93.4970, 0.3216,
0.3339

■ 62.2233, 0.2383,
0.3060

■ 95.5304, 0.3213,
0.3370

■ 59.1551, 0.2292,
0.3012

■ 97.6000, 0.3211,
0.3402

■ 56.5044, 0.2220,
0.2963

■ 99.1293, 0.3209,
0.3425

■ 54.2300, 0.2168,
0.2914

■ 52.2812, 0.2135,
0.2865

■ 51.3821, 0.2123,
0.2841

Harmonies

Analogous

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



79.3209, 0.2969, 0.3352



79.3209, 0.2898, 0.3236



79.3209, 0.2887, 0.3138

Triad

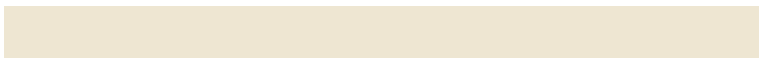
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3209, 0.2898, 0.3236



79.3209, 0.3169, 0.3135



79.3209, 0.3316, 0.3500

Complementary

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



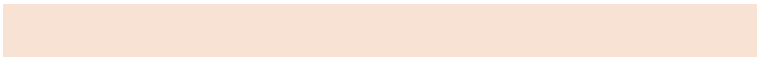
79.3209, 0.2898, 0.3236



69.1480, 0.3399, 0.3343

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.



79.3209, 0.3373, 0.3437



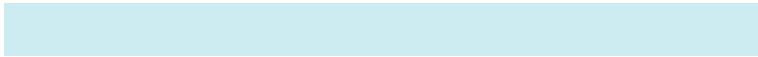
79.3209, 0.2898, 0.3236



79.3209, 0.3287, 0.3227

Square

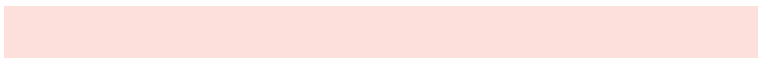
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3209, 0.2898, 0.3236



79.3209, 0.3042, 0.3083



79.3209, 0.3362, 0.3337



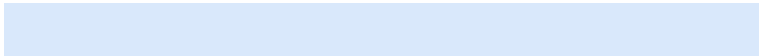
79.3209, 0.3209, 0.3507

Rectangle

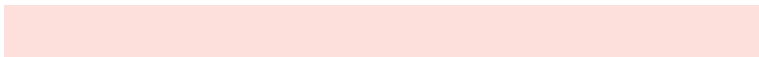
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3209, 0.2898, 0.3236



79.3209, 0.2916, 0.3095



79.3209, 0.3362, 0.3337



79.3209, 0.3342, 0.3485

Sweetspot

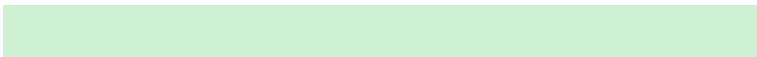
The Sweet Spot groups the original color and five complimentary colors.



79.3242, 0.2898, 0.3236



97.2249, 0.3065, 0.3276



80.5081, 0.3080, 0.3635



20.7010, 0.3053, 0.3274



0.0000, 0.0000, 0.0000



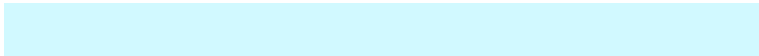
21.4041, 0.3127, 0.3290

Same Dimension

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



79.3242, 0.2898, 0.3236



88.3488, 0.2852, 0.3224



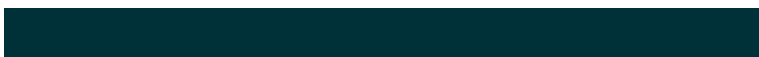
69.5474, 0.2891, 0.3039



17.5366, 0.2981, 0.3257



28.0185, 0.2125, 0.2849



2.4321, 0.2142, 0.2913

Inverse Universe

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



68.3932, 0.3179, 0.2969



73.7301, 0.3191, 0.2901



78.4595, 0.3371, 0.3529



15.9918, 0.3159, 0.3089



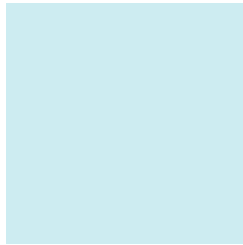
12.6218, 0.3590, 0.1751



1.0602, 0.3532, 0.1719

Previews

White Background



This preview shows how the Yxy color 79.3209, 0.2898, 0.3236 looks on a white background.

Color Contrast Check

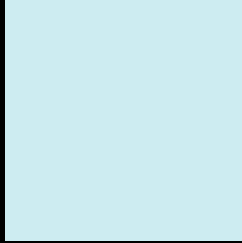
Large Text (above 18pt) WCAG AA × Fail

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 79.3209, 0.2898, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

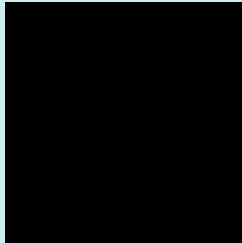
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3209, 0.2898, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 79.3209, 0.2898, 0.3236.

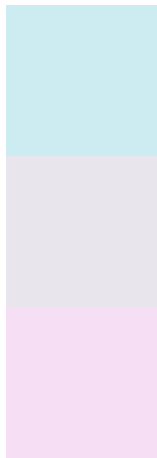


This preview shows how white text looks on a background with the Yxy color 79.3209, 0.2898, 0.3236.

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

79.3209, 0.2898, 0.3236

Protanopia

79.3089, 0.3097, 0.3207

Deuteranopia

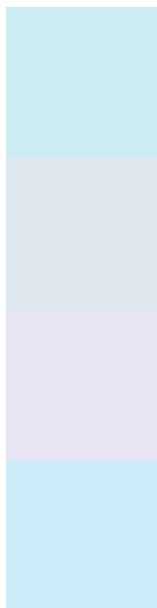
78.8998, 0.3151, 0.3080



Tritanopia

79.2029, 0.2842, 0.3088

Trichromacy



Original Color

79.3209, 0.2898, 0.3236

Protanomaly

79.4159, 0.3023, 0.3227

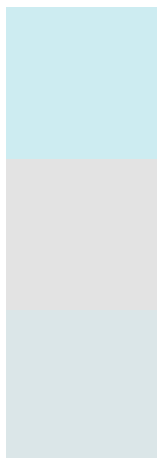
Deuteranomaly

78.9468, 0.3053, 0.3135

Tritanomaly

79.3780, 0.2859, 0.3140

Monochromacy



Original Color

79.3209, 0.2898, 0.3236

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.4799, 0.3040, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3209, 0.2898, 0.3236 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(205, 236, 241)` looks like.

```
.text, #text, p{  
    color:rgb(205, 236, 241)  
}
```

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(205, 236, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 236, 241) }
```

Border

The CSS property to change the border of an element to Yxy 79.3209, 0.2898, 0.3236 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(205, 236, 241) }
```

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

```
.border{ border-color:rgb(205, 236, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 236, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 236, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 236, 241);  
box-shadow:4px 4px 4px 4px rgb(205, 236,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3209, 0.2898, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 236, 241) }
```

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

```
.background{ background-color: rgb(205,  
236, 241) }
```

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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