

Converting Colors

$Yxy(79.4310, 0.2911, 0.3295)$

Have a look what the booklet for
Yxy(79.4310, 0.2911, 0.3295)
contains.

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Color

Yxy(79.3793, 0.2909, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	CBEBED
RGB	203, 237, 237
RGB Percent	80%, 93%, 93%
CMY	0.2038, 0.0706, 0.0705
CMYK	0.14, 0.00, 0.00, 0.07
HSL	180°, 49%, 86%
HSV	180°, 14%, 93%
XYZ	70.2081, 79.3793, 91.7604
YIQ	226.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

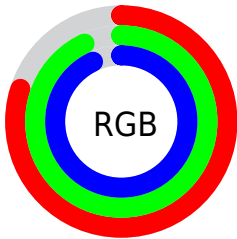
Format	Color
R_{YB}	203, 220, 237
Decimal	13364717
CIE _{Lab}	91.41, -10.97, -3.73
CIE _{LCh}	91, 11.592, 198.775
Yxy	79.3793, 0.2909, 0.3289
Android (android.graphics.Color)	4291554797 (0xFFCBEDED)
YUV	226.8340, 5.0118, -20.9024
Hunter-Lab	89.0951, -15.2560, 1.3028

Details

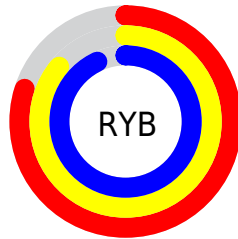
The Yxy color **79.3793, 0.2909, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.0648, 0.3393, 0.3291**, and the grayscale version is **76.6699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6798, 0.2857, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **76.2922, 0.2769, 0.3288**, and if you desaturate by 10%, it is **82.9818, 0.3059, 0.3290**.

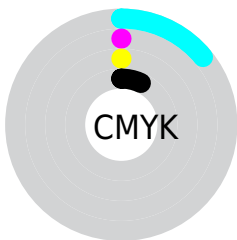
Distribution



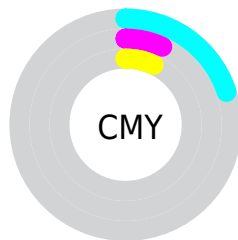
- Red (80%)
- Green (93%)
- Blue (93%)



- Red (80%)
- Yellow (86%)
- Blue (93%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.3793, 0.2909, 0.3289 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 79.3793, 0.2909, 0.3289 by changing the saturation by 10% instead.

■ 79.3793, 0.2909,
0.3289

■ 79.3793, 0.2909,
0.3289

492.8386, 0.3008,
0.3290

■ 59.2077, 0.2887,
0.3289

132.4927, 0.2943,
0.3290

■ 42.7804, 0.2860,
0.3288

166.2033, 0.2956,
0.3290

■ 29.7128, 0.2826,
0.3287

205.1957, 0.2968,
0.3290

■ 19.6207, 0.2782,
0.3285

249.8543, 0.2978,
0.3290

■ 12.1196, 0.2723,
0.3283

300.5635, 0.2987,
0.3290

■ 6.8252, 0.2640,
0.3278

357.7077, 0.2995,

■ 3.3530, 0.2515,

0.3290

421.6712, 0.3002,
0.3290

0.3270

1.3187, 0.2305,
0.3250

0.1556, 0.0000,
0.2656

79.3793, 0.2909,
0.3289

79.3793, 0.2909,
0.3289

76.2922, 0.2769,
0.3288

82.9818, 0.3059,
0.3290

73.6875, 0.2641,
0.3288


87.1113, 0.3217,
0.3290

71.5437, 0.2530,
0.3287


87.9785, 0.3248,
0.3291


69.8339, 0.2436,
0.3287

87.9909, 0.3248,
0.3291


 68.5283, 0.2361,
0.3286


 88.0033, 0.3248,
0.3291


 67.5933, 0.2306,
0.3286


 88.0157, 0.3248,
0.3291


 66.9900, 0.2270,
0.3285

 88.0281, 0.3248,
0.3292

 66.6709, 0.2251,
0.3285

 88.0405, 0.3248,
0.3292

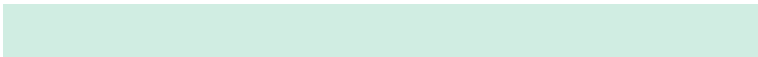
 66.5751, 0.2246,
0.3285

 88.0529, 0.3248,
0.3292

Harmonies

Analogous

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



79.3793, 0.3009, 0.3411



79.3793, 0.2909, 0.3289



79.3793, 0.2867, 0.3170

Triad

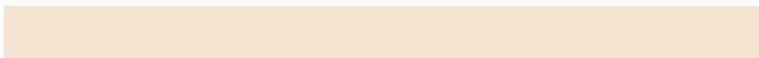
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3793, 0.2909, 0.3289



79.3793, 0.3108, 0.3092



79.3793, 0.3367, 0.3491

Complementary

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



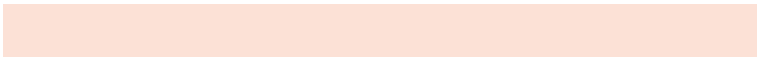
79.3793, 0.2909, 0.3289



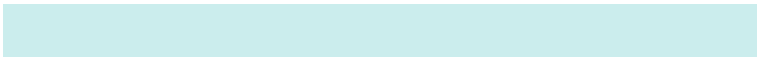
65.0648, 0.3393, 0.3291

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.



79.3793, 0.3395, 0.3401



79.3793, 0.2909, 0.3289



79.3793, 0.3244, 0.3173

Square

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



79.3793, 0.2909, 0.3289



79.3793, 0.2980, 0.3060



79.3793, 0.3350, 0.3285



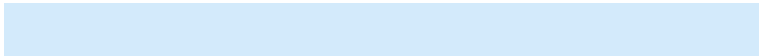
79.3793, 0.3273, 0.3528

Rectangle

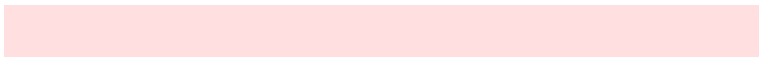
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3793, 0.2909, 0.3289



79.3793, 0.2876, 0.3110



79.3793, 0.3350, 0.3285



79.3793, 0.3384, 0.3465

Sweetspot

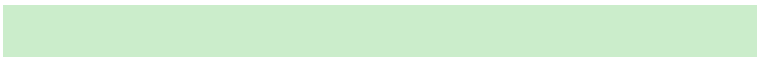
The Sweet Spot groups the original color and five complimentary colors.



79.3826, 0.2909, 0.3289



98.1106, 0.3065, 0.3290



77.5979, 0.3109, 0.3672



20.9261, 0.3053, 0.3290



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.



79.3826, 0.2909, 0.3289



92.6601, 0.2870, 0.3289



70.0193, 0.2903, 0.3102



17.1194, 0.2981, 0.3289



36.3398, 0.2246, 0.3285



2.8543, 0.2246, 0.3285

Inverse Universe

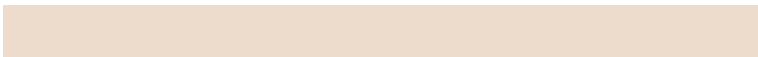
The Inverse Universe completely reimagines the original color for something new.



66.8510, 0.3144, 0.2936



75.3896, 0.3147, 0.2868



73.5244, 0.3367, 0.3471



15.3136, 0.3138, 0.3058



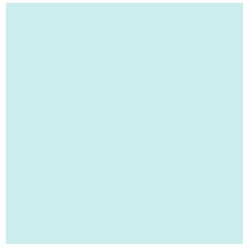
13.1613, 0.3211, 0.1543



1.0336, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 79.3793, 0.2909, 0.3289 looks on a white background.

Color Contrast Check

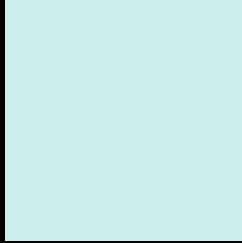
Large Text (above 18pt) WCAG AA × Fail

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 79.3793, 0.2909, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

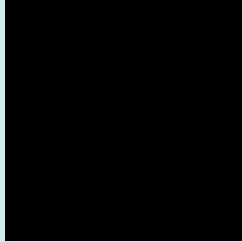
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

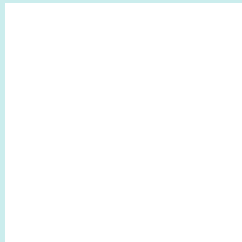
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3793, 0.2909, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 79.3793, 0.2909, 0.3289.

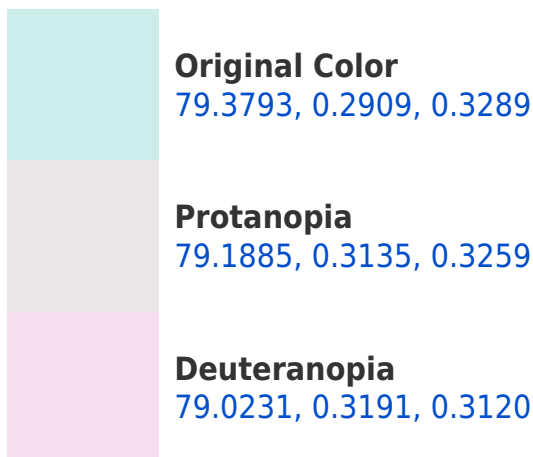


This preview shows how white text looks on a background with the Yxy color 79.3793, 0.2909, 0.3289.

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

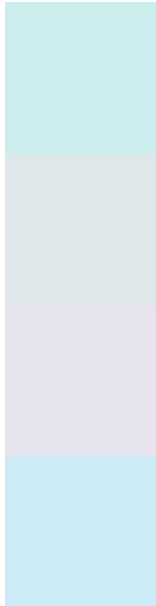




Tritanopia

79.0593, 0.2836, 0.3088

Trichromacy



Original Color

79.3793, 0.2909, 0.3289

Protanomaly

79.1833, 0.3048, 0.3269

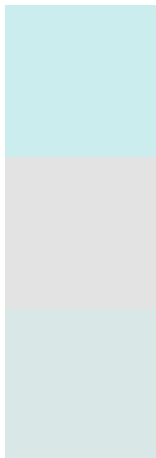
Deuteranomaly

78.8746, 0.3085, 0.3176

Tritanomaly

79.1112, 0.2864, 0.3161

Monochromacy



Original Color

79.3793, 0.2909, 0.3289

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.8268, 0.3040, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3793, 0.2909, 0.3289 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(203, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(203, 237, 237)  
}
```

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(203, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 237, 237) }
```

Border

The CSS property to change the border of an element to Yxy 79.3793, 0.2909, 0.3289 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(203, 237, 237) }
```

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

```
.border{ border-color:rgb(203, 237, 237) }
```

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

Here you see how a box with a 4 pixel rgb(203, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(203, 237,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3793, 0.2909, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 237, 237) }
```

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

```
.background{ background-color: rgb(203,  
237, 237) }
```

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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