

Converting Colors

$Yxy(79.0871, 0.2830, 0.3289)$

Have a look what the booklet for
Yxy(79.0871, 0.2830, 0.3289)
contains.

Yxy(79.1715, 0.2833, 0.3289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.1715, 0.2833, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	C0EFEF
RGB	192, 239, 239
RGB Percent	75%, 94%, 94%
CMY	0.2468, 0.0628, 0.0627
CMYK	0.20, 0.00, 0.00, 0.06
HSL	180°, 59%, 85%
HSV	180°, 20%, 94%
XYZ	68.1948, 79.1715, 93.3497
YIQ	224.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

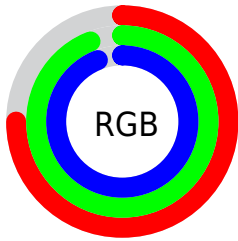
Format	Color
R_{YB}	192, 216, 239
Decimal	12644335
CIE _{Lab}	91.31, -14.93, -4.98
CIE _{LCh}	91, 15.740, 198.433
Yxy	79.1715, 0.2833, 0.3289
Android (android.graphics.Color)	4290834415 (0xFFC0EFEF)
YUV	224.9470, 6.9281, -28.8945
Hunter-Lab	88.9784, -18.9061, 0.0821

Details

The Yxy color **79.1715, 0.2833, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.8875, 0.3516, 0.3291**, and the grayscale version is **75.2283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **42.6891, 0.2771, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **76.2999, 0.2699, 0.3289**, and if you desaturate by 10%, it is **82.5562, 0.2979, 0.3290**.

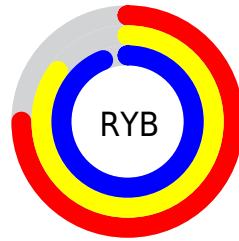
Distribution



Red (75%)

Green (94%)

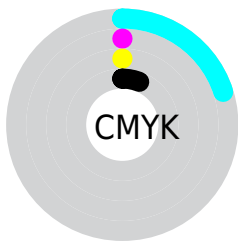
Blue (94%)



Red (75%)

Yellow (85%)

Blue (94%)

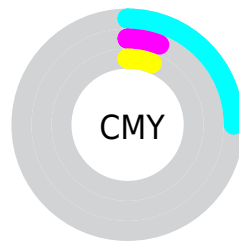


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (25%)


Magenta (6%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.1715, 0.2833, 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 79.1715, 0.2833, 0.3289 by changing the saturation by 10% instead.


 79.1715, 0.2833,
0.3289

 79.1715, 0.2833,
0.3289

492.1363, 0.2966,
0.3291

 59.0368, 0.2803,
0.3288


 132.2003, 0.2879,
0.3290

 42.6428, 0.2767,
0.3287


165.8632, 0.2897,
0.3290

 29.6049, 0.2721,
0.3285


204.8042, 0.2912,
0.3290

 19.5389, 0.2663,
0.3283

249.4079, 0.2926,
0.3291

 12.0603, 0.2585,
0.3279

300.0585, 0.2937,
0.3291

 6.7848, 0.2475,
0.3271

357.1406, 0.2948,

 3.3279, 0.2310,

0.3291

421.0384, 0.2958,
0.3291

0.3256

1.3052, 0.2038,
0.3221

0.1452, 0.0000,
0.2230

79.1715, 0.2833,
0.3289

79.1715, 0.2833,
0.3289

76.2999, 0.2699,
0.3289

82.5562, 0.2979,
0.3290

73.9074, 0.2580,
0.3288


86.4671, 0.3133,
0.3290


71.9706, 0.2478,
0.3288

89.2299, 0.3234,
0.3290


70.4607, 0.2394,
0.3287

89.2329, 0.3234,
0.3290

 69.3453, 0.2330,
0.3287


 89.2359, 0.3234,
0.3290


 68.5876, 0.2285,
0.3287


 89.2388, 0.3234,
0.3291

 68.1438, 0.2259,
0.3287

 89.2418, 0.3234,
0.3291

 67.9428, 0.2247,
0.3287

 89.2448, 0.3234,
0.3291

 67.9372, 0.2246,
0.3287

 89.2477, 0.3234,
0.3291

Harmonies

Analogous

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



79.1715, 0.2968, 0.3457



79.1715, 0.2833, 0.3289



79.1715, 0.2775, 0.3127

Triad

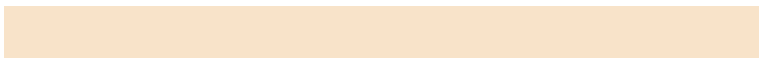
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1715, 0.2833, 0.3289



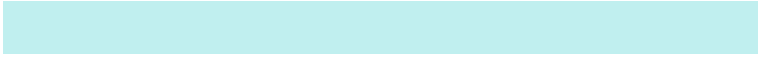
79.1715, 0.3098, 0.3022



79.1715, 0.3454, 0.3560

Complementary

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



79.1715, 0.2833, 0.3289



59.8875, 0.3516, 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.



79.1715, 0.3492, 0.3436



79.1715, 0.2833, 0.3289



79.1715, 0.3283, 0.3131

Square

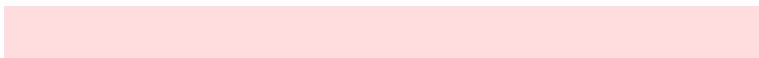
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1715, 0.2833, 0.3289



79.1715, 0.2925, 0.2980



79.1715, 0.3429, 0.3280



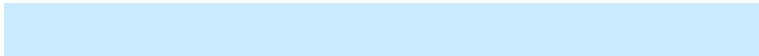
79.1715, 0.3327, 0.3615

Rectangle

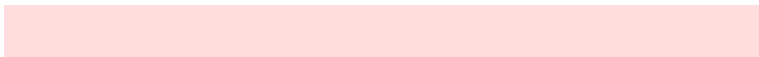
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1715, 0.2833, 0.3289



79.1715, 0.2787, 0.3046



79.1715, 0.3429, 0.3280



79.1715, 0.3478, 0.3525

Sweetspot

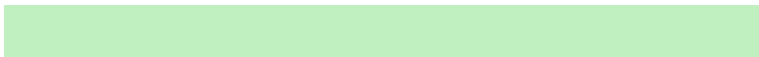
The Sweet Spot groups the original color and five complimentary colors.



79.1747, 0.2833, 0.3289



97.2107, 0.3034, 0.3290



76.7566, 0.3102, 0.3831



20.7450, 0.3024, 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.



79.1747, 0.2833, 0.3289



90.1746, 0.2772, 0.3289



66.3167, 0.2817, 0.3024



17.9284, 0.2981, 0.3290



37.5428, 0.2246, 0.3287



3.1234, 0.2246, 0.3287

Inverse Universe

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



62.3065, 0.3150, 0.2802



66.9738, 0.3155, 0.2691



71.0303, 0.3468, 0.3542



16.0314, 0.3138, 0.3057



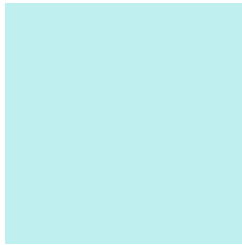
13.5833, 0.3210, 0.1542



1.1300, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 79.1715, 0.2833, 0.3289 looks on a white background.

Color Contrast Check

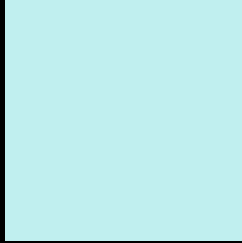
Large Text (above 18pt) WCAG AA × Fail

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 79.1715, 0.2833, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

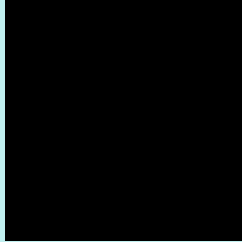
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.1715, 0.2833, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 79.1715, 0.2833, 0.3289.

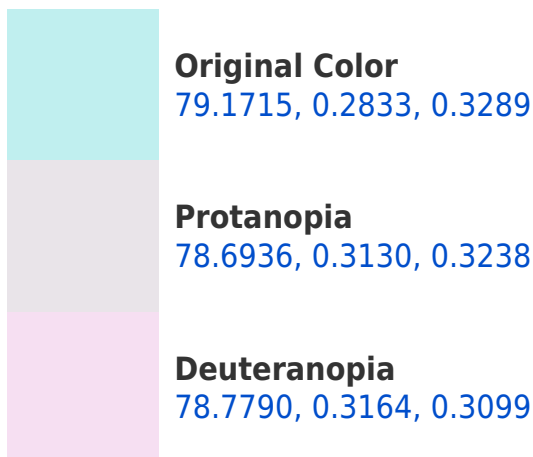


This preview shows how white text looks on a background with the Yxy color 79.1715, 0.2833, 0.3289.

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

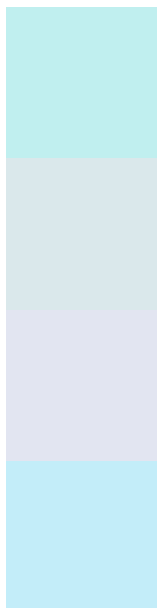




Tritanopia

78.9467, 0.2767, 0.3085

Trichromacy



Original Color

79.1715, 0.2833, 0.3289

Protanomaly

78.6168, 0.3015, 0.3258

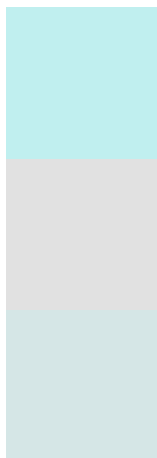
Deuteranomaly

78.5582, 0.3032, 0.3165

Tritanomaly

79.0100, 0.2795, 0.3159

Monochromacy



Original Color

79.1715, 0.2833, 0.3289

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.4529, 0.3013, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1715, 0.2833, 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(192, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(192, 239, 239)  
}
```

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(192, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 239, 239) }
```

Border

The CSS property to change the border of an element to Yxy 79.1715, 0.2833, 0.3289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

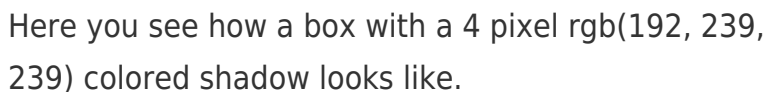
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 239, 239) }
```

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

```
.border{ border-color:rgb(192, 239, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 239, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 239, 239); box-shadow:4px 4px 4px 4px rgb(192, 239, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1715, 0.2833, 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(192, 239, 239) }
```

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

```
.background{ background-color: rgb(192,  
239, 239) }
```

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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