

Converting Colors

$Yxy(79.4718, 0.2877, 0.3305)$

Have a look what the booklet for
Yxy(79.4718, 0.2877, 0.3305)
contains.

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Color

Yxy(79.2693, 0.2879, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	C6EEED
RGB	198, 238, 237
RGB Percent	78%, 93%, 93%
CMY	0.2234, 0.0667, 0.0705
CMYK	0.17, 0.00, 0.00, 0.07
HSL	179°, 54%, 85%
HSV	179°, 17%, 93%
XYZ	69.1565, 79.2693, 91.7842
YIQ	225.9260, -23.5190, -8.7910

Conversions

Conversions Part 2

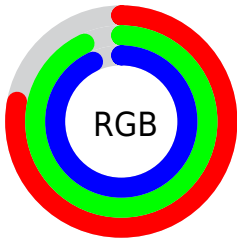
Format	Color
R _Y B	198, 218, 238
Decimal	13037293
CIE Lab	91.36, -13.03, -3.83
CIE LCh	91, 13.581, 196.392
Yxy	79.2693, 0.2879, 0.3300
Android (android.graphics.Color)	4291227373 (0xFFC6EEED)
YUV	225.9260, 5.4595, -24.4911
Hunter-Lab	89.0333, -17.1587, 1.2014

Details

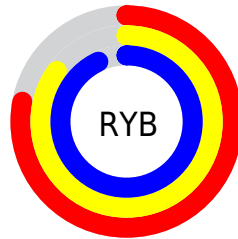
The Yxy color **79.2693, 0.2879, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.7040, 0.3441, 0.3280**, and the grayscale version is **75.9759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7214, 0.2828, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **76.2536, 0.2744, 0.3307**, and if you desaturate by 10%, it is **82.7998, 0.3024, 0.3294**.

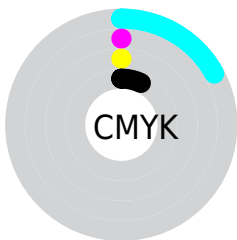
Distribution



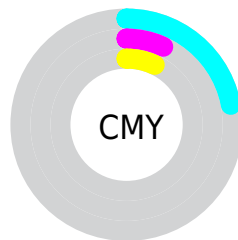
- Red (78%)
- Green (93%)
- Blue (93%)



- Red (78%)
- Yellow (85%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2693, 0.2879, 0.3300 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 79.2693, 0.2879, 0.3300 by changing the saturation by 10% instead.

■ 79.2693, 0.2879,
0.3300

■ 79.2693, 0.2879,
0.3300

492.4669, 0.2991,
0.3297

■ 59.1173, 0.2854,
0.3301

132.3379, 0.2918,
0.3299

■ 42.7075, 0.2823,
0.3301

166.0233, 0.2933,
0.3299

■ 29.6557, 0.2784,
0.3302

204.9885, 0.2946,
0.3298

■ 19.5774, 0.2735,
0.3302

249.6180, 0.2957,
0.3298

■ 12.0882, 0.2668,
0.3302

300.2963, 0.2967,
0.3297

■ 6.8038, 0.2574,
0.3301


357.4075, 0.2976,


■ 3.3397, 0.2433,


0.3297


0.3297


421.3363, 0.2984,
0.3297

 1.3115, 0.2197,
0.3284


 0.1501, 0.0000,
0.2581


 79.2693, 0.2879,
0.3300


 79.2693, 0.2879,
0.3300


 76.2536, 0.2744,
0.3307


 82.7998, 0.3024,
0.3294

 73.7192, 0.2623,
0.3314


 86.8575, 0.3177,
0.3288


 71.6439, 0.2518,
0.3321

 88.6257, 0.3236,
0.3283


 69.9999, 0.2430,
0.3329


 88.6604, 0.3232,
0.3277


 68.7561, 0.2362,
0.3337


 88.6952, 0.3228,
0.3271

 67.8775, 0.2313,
0.3345


 88.7301, 0.3225,
0.3266


 67.3232, 0.2284,
0.3353

 88.7652, 0.3221,
0.3260

 67.0409, 0.2270,
0.3361

 88.8003, 0.3217,
0.3254

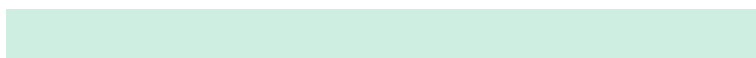
 66.9809, 0.2268,
0.3364

 88.8355, 0.3214,
0.3248

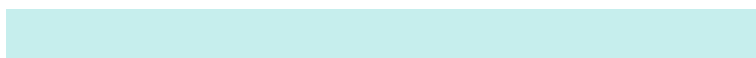
Harmonies

Analogous

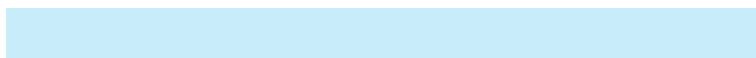
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2693, 0.3000, 0.3443



79.2693, 0.2879, 0.3300



79.2693, 0.2824, 0.3159

Triad

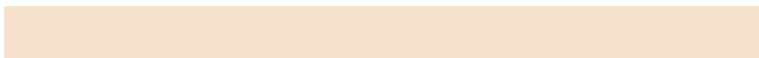
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2693, 0.2879, 0.3300



79.2693, 0.3091, 0.3053



79.2693, 0.3414, 0.3518

Complementary

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



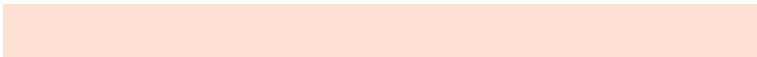
79.2693, 0.2879, 0.3300



62.7040, 0.3441, 0.3280

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.



79.2693, 0.3441, 0.3409



79.2693, 0.2879, 0.3300



79.2693, 0.3252, 0.3144

Square

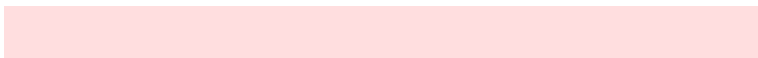
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2693, 0.2879, 0.3300



79.2693, 0.2944, 0.3022



79.2693, 0.3381, 0.3273



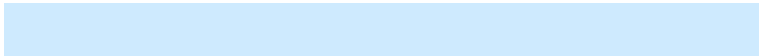
79.2693, 0.3309, 0.3569

Rectangle

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



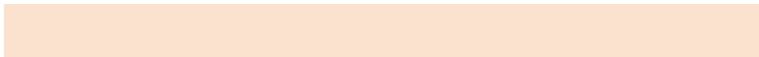
79.2693, 0.2879, 0.3300



79.2693, 0.2831, 0.3086



79.2693, 0.3381, 0.3273



79.2693, 0.3432, 0.3487

Sweetspot

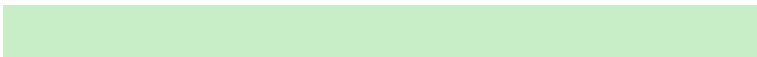
The Sweet Spot groups the original color and five complimentary colors.



79.2726, 0.2879, 0.3300



97.6413, 0.3051, 0.3293



77.4180, 0.3115, 0.3743



20.8310, 0.3040, 0.3293



0.0000, 0.0000, 0.0000



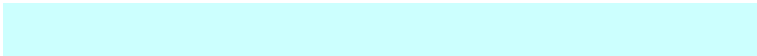
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2726, 0.2879, 0.3300



91.4967, 0.2833, 0.3302



69.0273, 0.2864, 0.3081



17.9219, 0.2984, 0.3295



37.3727, 0.2267, 0.3362



3.1112, 0.2264, 0.3352

Inverse Universe

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



62.7040, 0.3441, 0.3280



68.8659, 0.3517, 0.3278



71.7176, 0.3416, 0.3490



15.7651, 0.3290, 0.3285



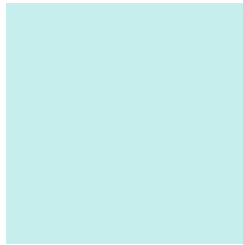
10.1509, 0.6375, 0.3285



0.8467, 0.6306, 0.3247

Previews

White Background



This preview shows how the Yxy color 79.2693, 0.2879, 0.3300 looks on a white background.

Color Contrast Check

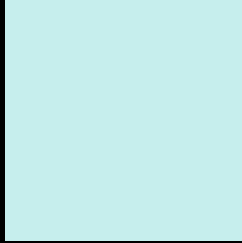
Large Text (above 18pt) WCAG AA × Fail

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 79.2693, 0.2879, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

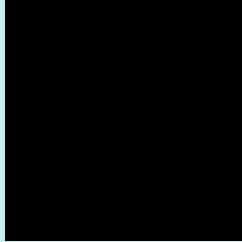
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

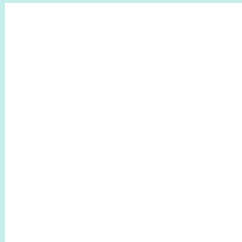
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2693, 0.2879, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 79.2693, 0.2879, 0.3300.

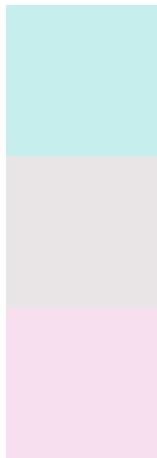


This preview shows how white text looks on a background with the Yxy color 79.2693, 0.2879, 0.3300.

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

79.2693, 0.2879, 0.3300

Protanopia

79.1318, 0.3142, 0.3269

Deuteranopia

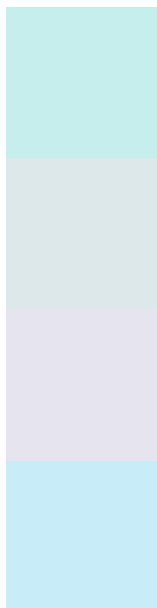
78.8408, 0.3184, 0.3120



Tritanopia

78.9899, 0.2801, 0.3087

Trichromacy



Original Color

79.2693, 0.2879, 0.3300

Protanomaly

78.8121, 0.3041, 0.3279

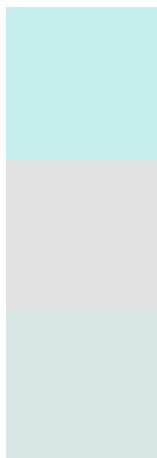
Deuteranomaly

78.3768, 0.3064, 0.3176

Tritanomaly

79.0476, 0.2829, 0.3160

Monochromacy



Original Color

79.2693, 0.2879, 0.3300

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.9057, 0.3033, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2693, 0.2879, 0.3300 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(198, 238, 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(198, 238, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 238, 237) }
```

Border

The CSS property to change the border of an element to Yxy 79.2693, 0.2879, 0.3300 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, 237) }
```

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

```
.border{ border-color:rgb(198, 238, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 238, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 238, 237);  
box-shadow:4px 4px 4px 4px rgb(198, 238,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2693, 0.2879, 0.3300 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, 237) }
```

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

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