

Converting Colors

$Yxy(79.6517, 0.2853, 0.3340)$

Have a look what the booklet for
Yxy(79.6517, 0.2853, 0.3340)
contains.

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Color

Yxy(79.5828, 0.2850, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	C0F0EC
RGB	192, 240, 236
RGB Percent	75%, 94%, 93%
CMY	0.2468, 0.0589, 0.0745
CMYK	0.20, 0.00, 0.02, 0.06
HSL	175°, 61%, 85%
HSV	175°, 20%, 94%
XYZ	68.0501, 79.5828, 91.1394
YIQ	225.1920, -27.3240, -11.4200

Conversions

Conversions Part 2

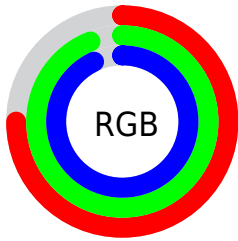
Format	Color
R_{YB}	192, 217, 240
Decimal	12644588
CIE _{Lab}	91.50, -16.05, -3.15
CIE _{LCh}	91, 16.355, 191.089
Yxy	79.5828, 0.2850, 0.3333
Android (android.graphics.Color)	4290834668 (0xFFC0F0EC)
YUV	225.1920, 5.3283, -29.1094
Hunter-Lab	89.2092, -19.9536, 1.8736

Details

The Yxy color **79.5828, 0.2850, 0.3333** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.2352, 0.3492, 0.3248**, and the grayscale version is **75.4255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **42.9795, 0.2792, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **76.5882, 0.2725, 0.3357**, and if you desaturate by 10%, it is **83.0961, 0.2985, 0.3311**.

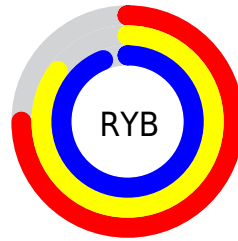
Distribution



Red (75%)

Green (94%)

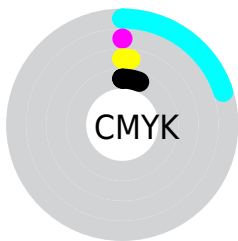
Blue (93%)



Red (75%)

Yellow (85%)

Blue (94%)

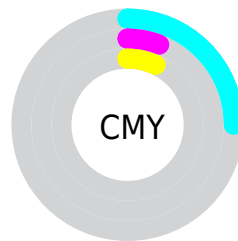


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (6%)



Cyan (25%)


Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5828, 0.2850, 0.3333 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 79.5828, 0.2850, 0.3333 by changing the saturation by 10% instead.


 79.5828, 0.2850,
0.3333

 79.5828, 0.2850,
0.3333


493.5257, 0.2976,
0.3315

 59.3751, 0.2822,
0.3337

 132.7790, 0.2893,
0.3327

 42.9151, 0.2788,
0.3342

166.5363, 0.2910,
0.3324

 29.8185, 0.2745,
0.3347


205.5789, 0.2925,
0.3322

 19.7009, 0.2689,
0.3354

250.2913, 0.2937,
0.3320

 12.1778, 0.2615,
0.3363

301.0577, 0.2949,
0.3319

 6.8649, 0.2511,
0.3375


358.2627, 0.2959,


 3.3777, 0.2354,

0.3317

0.3390


422.2906, 0.2967,
0.3316


 1.3320, 0.2093,
0.3408

 0.1658, 0.0000,
0.2928


 79.5828, 0.2850,
0.3333

 79.5828, 0.2850,
0.3333


 76.5882, 0.2725,
0.3357


 83.0961, 0.2985,
0.3311


 74.0777, 0.2614,
0.3383

 87.1414, 0.3128,
0.3290


 72.0278, 0.2519,
0.3410

 89.9855, 0.3214,
0.3271

 70.4092, 0.2441,
0.3438

 90.1059, 0.3202,
0.3252

 69.1892, 0.2383,
0.3466


 90.2276, 0.3189,
0.3232

 68.3302, 0.2345,
0.3495


 90.3506, 0.3177,
0.3213

 67.7878, 0.2325,
0.3523

 90.4749, 0.3165,
0.3194

 67.4870, 0.2320,
0.3551

 90.6005, 0.3153,
0.3175

 67.4863, 0.2320,
0.3551

 90.7275, 0.3140,
0.3156

Harmonies

Analogous

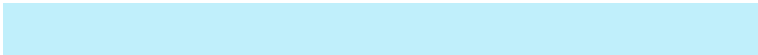
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.5828, 0.3005, 0.3501



79.5828, 0.2850, 0.3333



79.5828, 0.2769, 0.3158

Triad

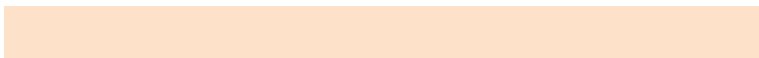
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5828, 0.2850, 0.3333



79.5828, 0.3049, 0.2995



79.5828, 0.3485, 0.3544

Complementary

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



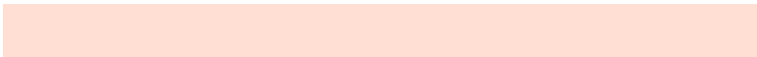
79.5828, 0.2850, 0.3333



60.2352, 0.3492, 0.3248

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.



79.5828, 0.3500, 0.3403



79.5828, 0.2850, 0.3333



79.5828, 0.3244, 0.3092

Square

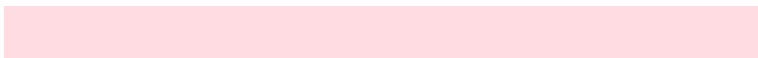
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5828, 0.2850, 0.3333



79.5828, 0.2881, 0.2970



79.5828, 0.3410, 0.3239



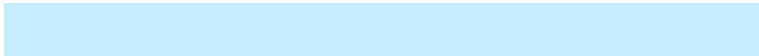
79.5828, 0.3373, 0.3622

Rectangle

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



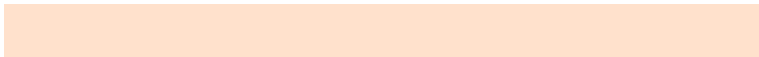
79.5828, 0.2850, 0.3333



79.5828, 0.2766, 0.3064



79.5828, 0.3410, 0.3239



79.5828, 0.3502, 0.3502

Sweetspot

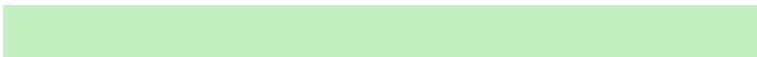
The Sweet Spot groups the original color and five complimentary colors.



79.5861, 0.2850, 0.3333



97.1313, 0.3041, 0.3302



77.8663, 0.3127, 0.3837



20.7262, 0.3031, 0.3304



0.0000, 0.0000, 0.0000



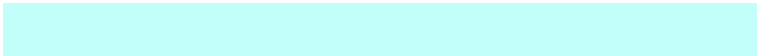
21.4041, 0.3127, 0.3290

Same Dimension

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



79.5861, 0.2850, 0.3333



89.8600, 0.2797, 0.3343



68.7010, 0.2814, 0.3065



17.9050, 0.2992, 0.3309



36.9555, 0.2319, 0.3547



3.0810, 0.2308, 0.3510

Inverse Universe

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



60.2352, 0.3492, 0.3248



63.8726, 0.3589, 0.3239



69.4339, 0.3483, 0.3505



15.7801, 0.3280, 0.3271



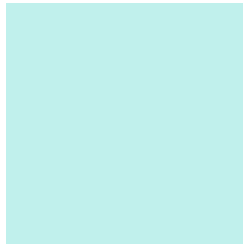
10.1762, 0.6309, 0.3249



0.8538, 0.6095, 0.3131

Previews

White Background



This preview shows how the Yxy color 79.5828, 0.2850, 0.3333 looks on a white background.

Color Contrast Check

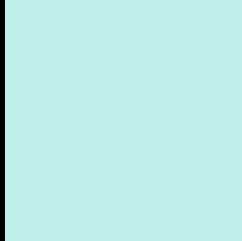
Large Text (above 18pt) WCAG AA × Fail

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 79.5828, 0.2850, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

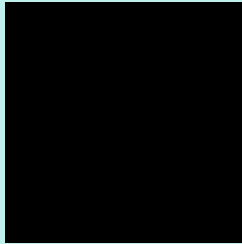
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

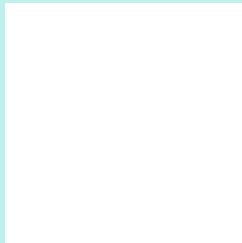
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5828, 0.2850, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 79.5828, 0.2850, 0.3333.

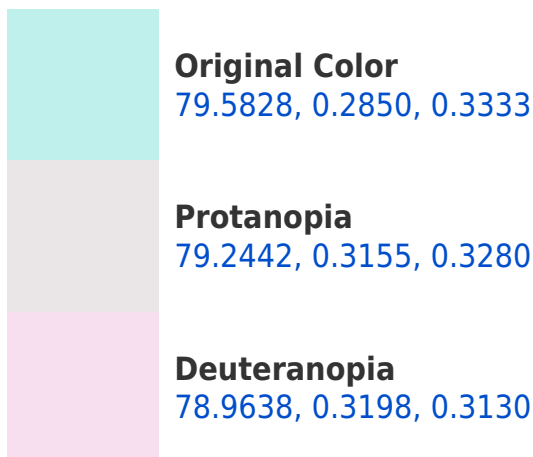


This preview shows how white text looks on a background with the Yxy color 79.5828, 0.2850, 0.3333.

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

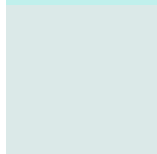
79.6587, 0.2774, 0.3097

Trichromacy



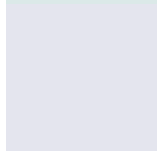
Original Color

79.5828, 0.2850, 0.3333



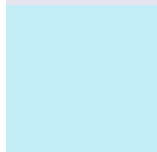
Protanomaly

79.1641, 0.3040, 0.3300



Deuteranomaly

78.7056, 0.3064, 0.3196



Tritanomaly

79.5285, 0.2801, 0.3181

Monochromacy



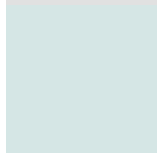
Original Color

79.5828, 0.2850, 0.3333



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

76.3969, 0.3019, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5828, 0.2850, 0.3333 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, 240, 236)` looks like.

```
.text, #text, p{  
    color:rgb(192, 240, 236)  
}
```

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, 240, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 240, 236) }
```

Border

The CSS property to change the border of an element to Yxy 79.5828, 0.2850, 0.3333 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, 240, 236) }
```

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

```
.border{ border-color:rgb(192, 240, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 240, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 240, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 240, 236);  
box-shadow:4px 4px 4px 4px rgb(192, 240,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5828, 0.2850, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 240, 236) }
```

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

```
.background{ background-color: rgb(192,  
240, 236) }
```

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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