

Converting Colors

$Yxy(76.3144, 0.2858, 0.3302)$

Have a look what the booklet for
Yxy(76.3144, 0.2858, 0.3302)
contains.

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Color

Yxy(76.5636, 0.2858, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	C0EBEA
RGB	192, 235, 234
RGB Percent	75%, 92%, 92%
CMY	0.2469, 0.0785, 0.0823
CMYK	0.18, 0.00, 0.00, 0.08
HSL	179°, 52%, 84%
HSV	179°, 18%, 92%
XYZ	66.3087, 76.5636, 89.1386
YIQ	222.0290, -25.3070, -9.4270

Conversions

Conversions Part 2

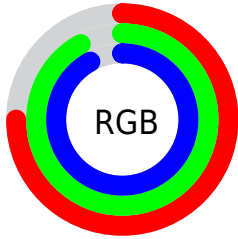
Format	Color
R_{YB}	192, 214, 235
Decimal	12643306
CIE _{Lab}	90.12, -13.96, -4.13
CIE _{LCh}	90, 14.561, 196.478
Yxy	76.5636, 0.2858, 0.3300
Android (android.graphics.Color)	4290833386 (0xFFC0EBEA)
YUV	222.0290, 5.9017, -26.3354
Hunter-Lab	87.5006, -17.8573, 0.8506

Details

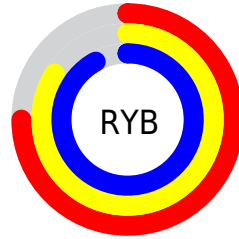
The Yxy color **76.5636, 0.2858, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.2332, 0.3475, 0.3280**, and the grayscale version is **73.0478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **40.8578, 0.2801, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **73.7086, 0.2725, 0.3306**, and if you desaturate by 10%, it is **79.9148, 0.3002, 0.3294**.

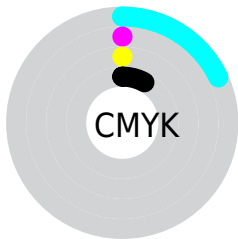
Distribution



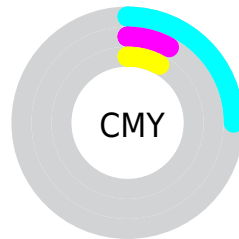
- Red (75%)
- Green (92%)
- Blue (92%)



- Red (75%)
- Yellow (84%)
- Blue (92%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)




- Cyan (25%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5636, 0.2858, 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 76.5636, 0.2858, 0.3300 by changing the saturation by 10% instead.

 76.5636, 0.2858,
0.3300

 76.5636, 0.2858,
0.3300

483.2748, 0.2981,
0.3297

 56.8948, 0.2830,
0.3300


 128.5233, 0.2900,
0.3299

 40.9208, 0.2797,
0.3301


161.5829, 0.2917,
0.3299

 28.2572, 0.2754,
0.3301


199.8749, 0.2931,
0.3298

 18.5196, 0.2699,
0.3301

243.7838, 0.2943,
0.3298

 11.3237, 0.2625,
0.3301

293.6938, 0.2954,
0.3298

 6.2850, 0.2520,
0.3299

349.9893, 0.2964,

 3.0191, 0.2361,

0.3297

0.3293

413.0549, 0.2973,
0.3297

■ 1.1417, 0.2079,
0.3278

■ 0.0133, 0.0000,
0.0421

■ 76.5636, 0.2858,
0.3300

■ 76.5636, 0.2858,
0.3300

■ 73.7086, 0.2725,
0.3306

■ 79.9148, 0.3002,
0.3294

■ 71.3172, 0.2606,
0.3313


■ 83.7743, 0.3154,
0.3289


■ 69.3673, 0.2503,
0.3320

■ 86.7060, 0.3259,
0.3284

■ 67.8317, 0.2418,
0.3327


■ 86.7370, 0.3255,
0.3279


 66.6798, 0.2353,
0.3334


 86.7680, 0.3252,
0.3274


 65.8770, 0.2307,
0.3342


 86.7991, 0.3248,
0.3269

 65.3825, 0.2279,
0.3349

 86.8303, 0.3245,
0.3263

 65.1381, 0.2267,
0.3356

 86.8616, 0.3242,
0.3258

 65.1067, 0.2266,
0.3357

 86.8930, 0.3238,
0.3253

Harmonies

Analogous

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



76.5636, 0.2989, 0.3455



76.5636, 0.2858, 0.3300



76.5636, 0.2799, 0.3147

Triad

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



76.5636, 0.2858, 0.3300



76.5636, 0.3088, 0.3034



76.5636, 0.3438, 0.3537

Complementary

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



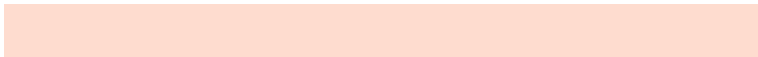
76.5636, 0.2858, 0.3300



59.2332, 0.3475, 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.



76.5636, 0.3467, 0.3418



76.5636, 0.2858, 0.3300



76.5636, 0.3263, 0.3133

Square

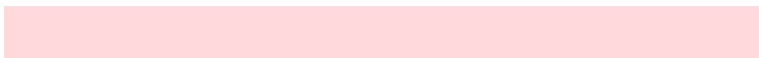
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5636, 0.2858, 0.3300



76.5636, 0.2929, 0.2999



76.5636, 0.3403, 0.3271



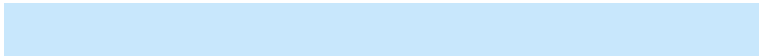
76.5636, 0.3324, 0.3593

Rectangle

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



76.5636, 0.2858, 0.3300



76.5636, 0.2806, 0.3068



76.5636, 0.3403, 0.3271



76.5636, 0.3458, 0.3503

Sweetspot

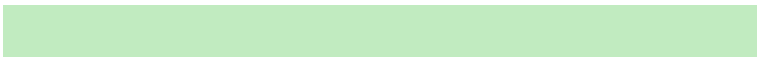
The Sweet Spot groups the original color and five complimentary colors.



76.5668, 0.2858, 0.3300



97.6429, 0.3051, 0.3293



74.6209, 0.3113, 0.3787



20.8314, 0.3040, 0.3293



0.0000, 0.0000, 0.0000



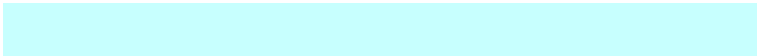
21.4041, 0.3127, 0.3290

Same Dimension

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



76.5668, 0.2858, 0.3300



90.7868, 0.2806, 0.3302



65.7872, 0.2840, 0.3061



17.1157, 0.2984, 0.3295



36.2403, 0.2266, 0.3356



2.8476, 0.2263, 0.3346

Inverse Universe

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



59.2332, 0.3475, 0.3280



66.2390, 0.3568, 0.3278



68.6005, 0.3444, 0.3508



15.0596, 0.3289, 0.3285



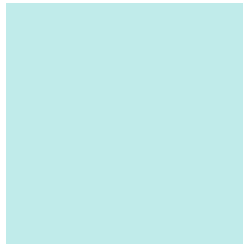
9.8388, 0.6376, 0.3286



0.7745, 0.6310, 0.3250

Previews

White Background



This preview shows how the Yxy color 76.5636, 0.2858, 0.3300 looks on a white background.

Color Contrast Check

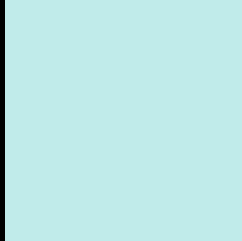
Large Text (above 18pt) WCAG AA × Fail

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 76.5636, 0.2858, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

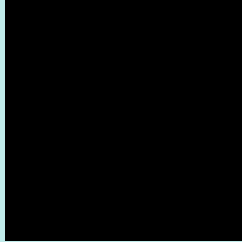
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.5636, 0.2858, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 76.5636, 0.2858, 0.3300.

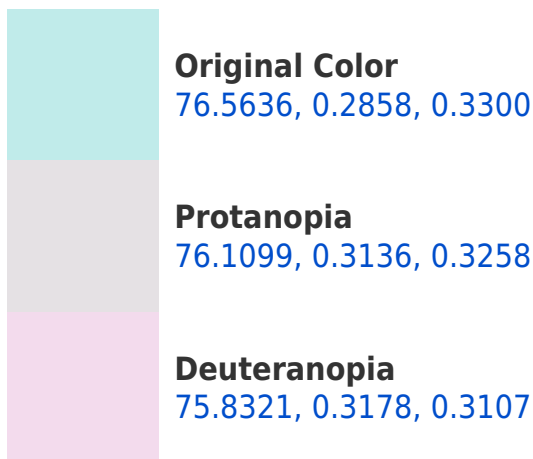


This preview shows how white text looks on a background with the Yxy color 76.5636, 0.2858, 0.3300.

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

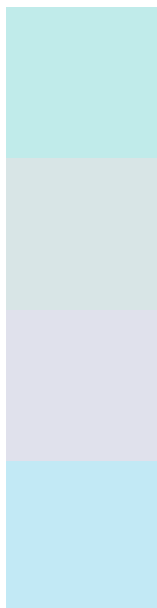




Tritanopia

76.2804, 0.2780, 0.3083

Trichromacy



Original Color

76.5636, 0.2858, 0.3300

Protanomaly

76.3507, 0.3033, 0.3279

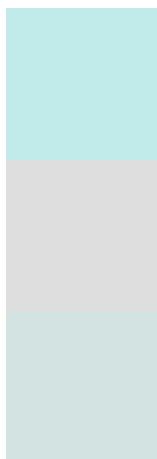
Deuteranomaly

75.7538, 0.3050, 0.3174

Tritanomaly

76.3397, 0.2807, 0.3158

Monochromacy



Original Color

76.5636, 0.2858, 0.3300

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.2780, 0.3024, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5636, 0.2858, 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(192, 235, 234)` looks like.

```
.text, #text, p{  
    color:rgb(192, 235, 234)  
}
```

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, 235, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 235, 234) }
```

Border

The CSS property to change the border of an element to Yxy 76.5636, 0.2858, 0.3300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

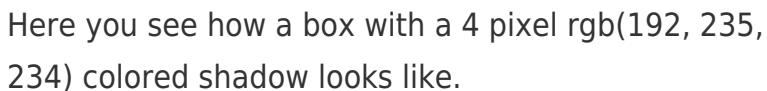
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 235, 234) }
```

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

```
.border{ border-color:rgb(192, 235, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 235, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 235, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 235, 234);  
box-shadow:4px 4px 4px 4px rgb(192, 235,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5636, 0.2858, 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(192, 235, 234) }
```

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

```
.background{ background-color: rgb(192,  
235, 234) }
```

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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