

Converting Colors

$Yxy(68.1706, 0.2899, 0.3260)$

Have a look what the booklet for
Yxy(68.1706, 0.2899, 0.3260)
contains.

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Color

Yxy(68.0419, 0.2896, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	BEDDE0
RGB	190, 221, 224
RGB Percent	75%, 87%, 88%
CMY	0.2551, 0.1333, 0.1216
CMYK	0.15, 0.01, 0.00, 0.12
HSL	185°, 35%, 81%
HSV	185°, 15%, 88%
XYZ	60.5374, 68.0419, 80.4588
YIQ	212.0730, -19.4390, -5.6390

Conversions

Conversions Part 2

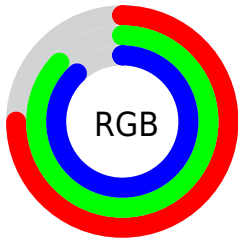
Format	Color
R_{YB}	190, 206, 224
Decimal	12508640
CIE _{Lab}	86.03, -9.58, -4.91
CIE _{LCh}	86, 10.762, 207.120
Yxy	68.0419, 0.2896, 0.3255
Android (android.graphics.Color)	4290698720 (0xFFBEDDE0)
YUV	212.0730, 5.8800, -19.3580
Hunter-Lab	82.4875, -13.3523, -0.0905

Details

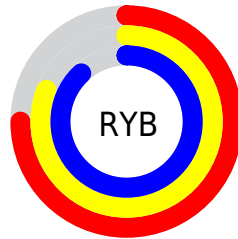
The Yxy color **68.0419, 0.2896, 0.3255** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.6746, 0.3406, 0.3325**, and the grayscale version is **65.8560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **35.3712, 0.2838, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **64.3502, 0.2753, 0.3230**, and if you desaturate by 10%, it is **72.1945, 0.3047, 0.3279**.

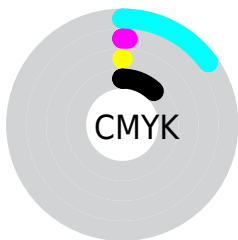
Distribution



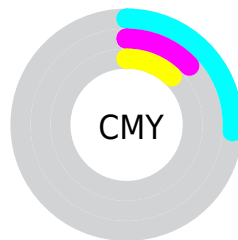
- Red (75%)
- Green (87%)
- Blue (88%)



- Red (75%)
- Yellow (81%)
- Blue (88%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)




- Cyan (26%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0419, 0.2896, 0.3255 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 68.0419, 0.2896, 0.3255 by changing the saturation by 10% instead.


 68.0419, 0.2896,
0.3255

 68.0419, 0.2896,
0.3255


453.6445, 0.3004,
0.3272

 49.9318, 0.2871,
0.3251


 116.4121, 0.2933,
0.3261

 35.3592, 0.2841,
0.3245


147.4410, 0.2948,
0.3264

 23.9397, 0.2802,
0.3238


183.5449, 0.2961,
0.3266

 15.2889, 0.2750,
0.3228

225.1083, 0.2971,
0.3267

 9.0224, 0.2680,
0.3214

272.5156, 0.2981,
0.3269

 4.7558, 0.2578,
0.3192

326.1511, 0.2989,

 2.1047, 0.2415,

0.3270

386.3993, 0.2997,
0.3271

0.3153

0.6673, 0.1870,
0.3117

0.0000, 0.0000,
0.0000

68.0419, 0.2896,
0.3255

68.0419, 0.2896,
0.3255

64.3502, 0.2753,
0.3230

72.1945, 0.3047,
0.3279

61.0908, 0.2621,
0.3202

76.8185, 0.3202,
0.3300

58.2447, 0.2503,
0.3174

81.5232, 0.3344,
0.3320

55.7881, 0.2400,
0.3144

82.6010, 0.3342,
0.3339

■ 53.6950, 0.2317,
0.3114

■ 83.6910, 0.3340,
0.3358

■ 51.9357, 0.2252,
0.3084

■ 84.7933, 0.3337,
0.3378

■ 50.4760, 0.2207,
0.3054

■ 85.9080, 0.3335,
0.3397

■ 49.2738, 0.2179,
0.3024

■ 87.0350, 0.3332,
0.3416

■ 48.7540, 0.2170,
0.3010

■ 88.1745, 0.3330,
0.3435

Harmonies

Analogous

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



68.0419, 0.2980, 0.3377



68.0419, 0.2896, 0.3255



68.0419, 0.2873, 0.3146

Triad

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



68.0419, 0.2896, 0.3255



68.0419, 0.3146, 0.3114



68.0419, 0.3341, 0.3502

Complementary

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



68.0419, 0.2896, 0.3255



57.6746, 0.3406, 0.3325

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.



68.0419, 0.3388, 0.3427



68.0419, 0.2896, 0.3255



68.0419, 0.3274, 0.3204

Square

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



68.0419, 0.2896, 0.3255



68.0419, 0.3015, 0.3068



68.0419, 0.3364, 0.3318



68.0419, 0.3237, 0.3522

Rectangle

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



68.0419, 0.2896, 0.3255



68.0419, 0.2894, 0.3096



68.0419, 0.3364, 0.3318



68.0419, 0.3364, 0.3482

Sweetspot

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



68.0447, 0.2896, 0.3255



96.9517, 0.3049, 0.3279



68.0913, 0.3090, 0.3660



20.6627, 0.3038, 0.3277



0.0000, 0.0000, 0.0000



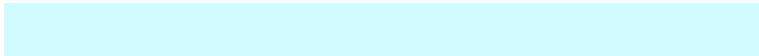
21.4041, 0.3127, 0.3290

Same Dimension

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



68.0447, 0.2896, 0.3255



89.7738, 0.2853, 0.3248



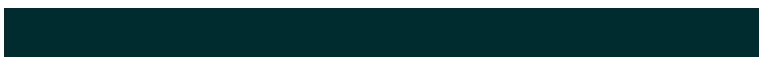
59.5759, 0.2888, 0.3056



15.3564, 0.2982, 0.3269



28.4661, 0.2171, 0.3015



2.0342, 0.2184, 0.3060

Inverse Universe

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



57.8768, 0.3167, 0.2947



73.8740, 0.3176, 0.2879



65.5632, 0.3377, 0.3513



13.9139, 0.3151, 0.3079



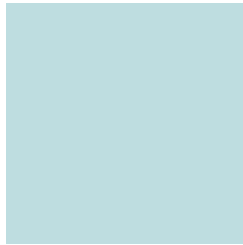
11.7817, 0.3441, 0.1669



0.8228, 0.3401, 0.1647

Previews

White Background



This preview shows how the Yxy color 68.0419, 0.2896, 0.3255 looks on a white background.

Color Contrast Check

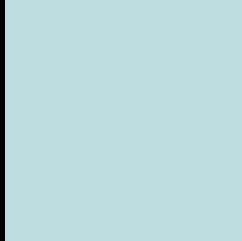
Large Text (above 18pt) WCAG AA × Fail

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 68.0419, 0.2896, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

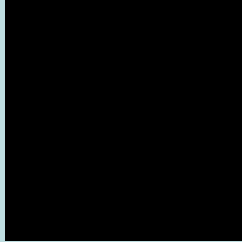
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

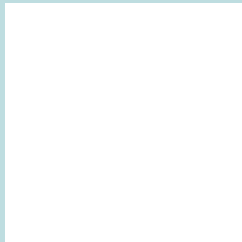
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0419, 0.2896, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 68.0419, 0.2896, 0.3255.

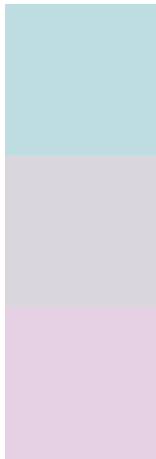


This preview shows how white text looks on a background with the Yxy color 68.0419, 0.2896, 0.3255.

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

68.0419, 0.2896, 0.3255

Protanopia

68.0122, 0.3108, 0.3224

Deuteranopia

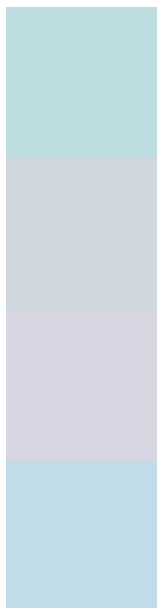
67.4808, 0.3159, 0.3087



Tritanopia

67.9839, 0.2831, 0.3086

Trichromacy



Original Color

68.0419, 0.2896, 0.3255

Protanomaly

68.1116, 0.3030, 0.3245

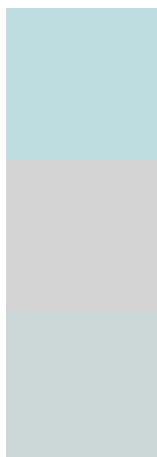
Deuteranomaly

67.5266, 0.3054, 0.3147

Tritanomaly

68.0890, 0.2854, 0.3153

Monochromacy



Original Color

68.0419, 0.2896, 0.3255

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.3961, 0.3041, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0419, 0.2896, 0.3255 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(190, 221, 224)` looks like.

```
.text, #text, p{  
    color:rgb(190, 221, 224)  
}
```

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(190, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 221, 224) }
```

Border

The CSS property to change the border of an element to Yxy 68.0419, 0.2896, 0.3255 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(190, 221, 224) }
```

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

```
.border{ border-color:rgb(190, 221, 224) }
```

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

Here you see how a box with a 4 pixel rgb(190, 221, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(190, 221,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0419, 0.2896, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 221, 224) }
```

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

```
.background{ background-color: rgb(190,  
221, 224) }
```

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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