

Converting Colors

Yxy(65.2485, 0.2898, 0.3283)

Have a look what the booklet for
Yxy(65.2485, 0.2898, 0.3283)
contains.

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Color

Yxy(65.0020, 0.2898, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	B9D9DA
RGB	185, 217, 218
RGB Percent	73%, 85%, 85%
CMY	0.2746, 0.1490, 0.1452
CMYK	0.15, 0.00, 0.00, 0.15
HSL	182°, 31%, 79%
HSV	182°, 15%, 85%
XYZ	57.4667, 65.0020, 75.8291
YIQ	207.5460, -19.3930, -6.4730

Conversions

Conversions Part 2

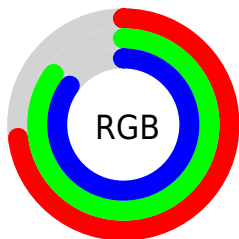
Format	Color
RYB	185, 201, 218
Decimal	12179930
CIELab	84.48, -10.33, -4.03
CIELCh	84, 11.087, 201.306
Yxy	65.0020, 0.2898, 0.3278
Android (android.graphics.Color)	4290370010 (0xFFB9D9DA)
YUV	207.5460, 5.1538, -19.7728
Hunter-Lab	80.6238, -13.8612, 0.6727

Details

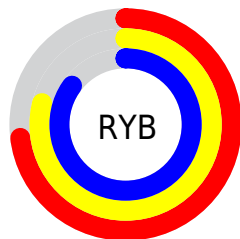
The Yxy color **65.0020, 0.2898, 0.3278** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.4908, 0.3408, 0.3302**, and the grayscale version is **62.7401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **33.3103, 0.2839, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **62.1729, 0.2758, 0.3269**, and if you desaturate by 10%, it is **68.2533, 0.3048, 0.3286**.

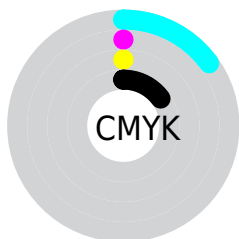
Distribution



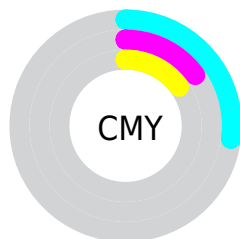
- Red (73%)
- Green (85%)
- Blue (85%)



- Red (73%)
- Yellow (79%)
- Blue (85%)



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




- Cyan (27%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0020, 0.2898, 0.3278 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 65.0020, 0.2898, 0.3278 by changing the saturation by 10% instead.


 65.0020, 0.2898,
0.3278

 65.0020, 0.2898,
0.3278


442.7992, 0.3006,
0.3285

 47.4627, 0.2873,
0.3276


 112.0527, 0.2936,
0.3281

 33.4016, 0.2842,
0.3274


142.3330, 0.2950,
0.3281

 22.4343, 0.2802,
0.3271


177.6289, 0.2963,
0.3282

 14.1763, 0.2750,
0.3266

218.3251, 0.2974,
0.3283

 8.2434, 0.2677,
0.3259

264.8058, 0.2983,
0.3283

 4.2511, 0.2570,
0.3247

317.4554, 0.2991,

 1.8150, 0.2396,

0.3284

376.6584, 0.2999,
0.3284

0.3223

0.4965, 0.1428,
0.3227

0.0000, 0.0000,
0.0000

65.0020, 0.2898,
0.3278

65.0020, 0.2898,
0.3278

62.1729, 0.2758,
0.3269

68.2533, 0.3048,
0.3286

59.7390, 0.2630,
0.3260

71.9365, 0.3204,
0.3294

57.6827, 0.2517,
0.3251

76.0708, 0.3363,
0.3300

55.9820, 0.2422,
0.3241

77.2709, 0.3396,
0.3307

■ 54.6123, 0.2345,
0.3231

■ 77.6033, 0.3395,
0.3313

■ 53.5461, 0.2288,
0.3221

■ 77.9368, 0.3394,
0.3319

■ 52.7515, 0.2250,
0.3212

■ 78.2717, 0.3394,
0.3326

■ 52.1893, 0.2228,
0.3202

■ 78.6078, 0.3393,
0.3332

■ 51.9672, 0.2222,
0.3198

■ 78.9452, 0.3392,
0.3338

Harmonies

Analogous

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



65.0020, 0.2996, 0.3404



65.0020, 0.2898, 0.3278



65.0020, 0.2860, 0.3159

Triad

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



65.0020, 0.2898, 0.3278



65.0020, 0.3119, 0.3093



65.0020, 0.3366, 0.3501

Complementary

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



65.0020, 0.2898, 0.3278



53.4908, 0.3408, 0.3302

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.



65.0020, 0.3402, 0.3412



65.0020, 0.2898, 0.3278



65.0020, 0.3257, 0.3179

Square

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



65.0020, 0.2898, 0.3278



65.0020, 0.2986, 0.3056



65.0020, 0.3361, 0.3295



65.0020, 0.3266, 0.3534

Rectangle

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



65.0020, 0.2898, 0.3278



65.0020, 0.2874, 0.3099



65.0020, 0.3361, 0.3295



65.0020, 0.3386, 0.3476

Sweetspot

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



65.0047, 0.2898, 0.3278



97.4253, 0.3049, 0.3286



63.9649, 0.3105, 0.3686



20.7783, 0.3038, 0.3286



0.0000, 0.0000, 0.0000



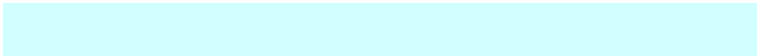
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0047, 0.2898, 0.3278



91.4616, 0.2855, 0.3275



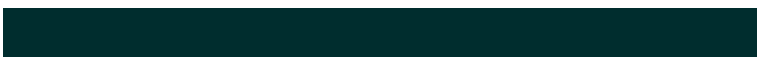
57.1080, 0.2891, 0.3085



14.7612, 0.2982, 0.3283



31.1709, 0.2222, 0.3199



2.0403, 0.2226, 0.3214

Inverse Universe

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



54.5972, 0.3152, 0.2928



74.0444, 0.3157, 0.2854



60.6544, 0.3380, 0.3487



13.2680, 0.3142, 0.3066



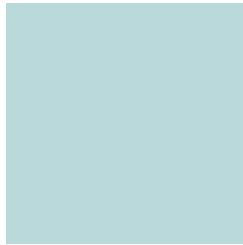
11.7705, 0.3283, 0.1582



0.7647, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 65.0020, 0.2898, 0.3278 looks on a white background.

Color Contrast Check

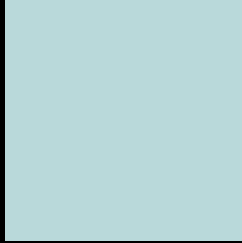
Large Text (above 18pt) WCAG AA × Fail

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 65.0020, 0.2898, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

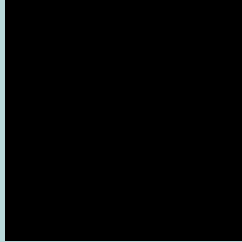
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

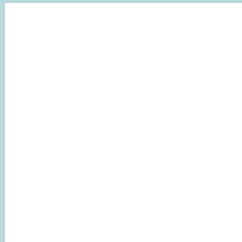
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0020, 0.2898, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 65.0020, 0.2898, 0.3278.

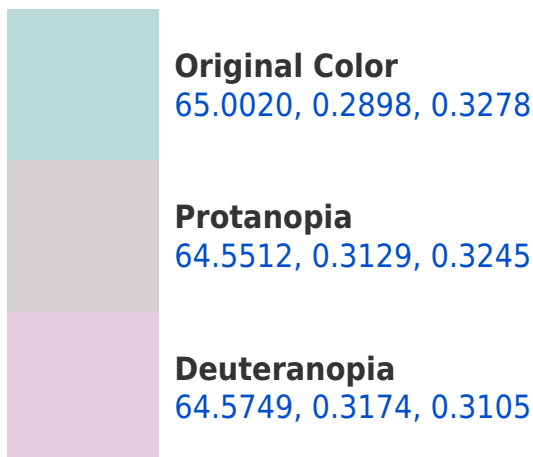


This preview shows how white text looks on a background with the Yxy color 65.0020, 0.2898, 0.3278.

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

65.1184, 0.2832, 0.3094

Trichromacy



Original Color

65.0020, 0.2898, 0.3278

Protanomaly

64.6898, 0.3041, 0.3255

Deuteranomaly

64.6171, 0.3067, 0.3166

Tritanomaly

65.2226, 0.2856, 0.3162

Monochromacy



Original Color

65.0020, 0.2898, 0.3278

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6214, 0.3040, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0020, 0.2898, 0.3278 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(185, 217, 218)` looks like.

```
.text, #text, p{  
    color:rgb(185, 217, 218)  
}
```

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(185, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 217, 218) }
```

Border

The CSS property to change the border of an element to Yxy 65.0020, 0.2898, 0.3278 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(185, 217, 218) }
```

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

```
.border{ border-color:rgb(185, 217, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(185, 217,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0020, 0.2898, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 217, 218) }
```

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

```
.background{ background-color: rgb(185,  
217, 218) }
```

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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