

Converting Colors

Yxy(65.2941, 0.2888, 0.3301)

Have a look what the booklet for
Yxy(65.2941, 0.2888, 0.3301)
contains.

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Color

Yxy(65.2198, 0.2891, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	B7DAD9
RGB	183, 218, 217
RGB Percent	72%, 85%, 85%
CMY	0.2825, 0.1451, 0.1489
CMYK	0.16, 0.00, 0.00, 0.15
HSL	178°, 32%, 79%
HSV	178°, 16%, 85%
XYZ	57.1192, 65.2198, 75.2369
YIQ	207.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

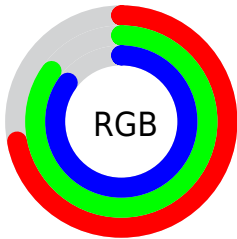
Format	Color
R _Y B	183, 201, 218
Decimal	12049113
CIE Lab	84.60, -11.67, -3.37
CIE LCh	85, 12.144, 196.123
Yxy	65.2198, 0.2891, 0.3301
Android (android.graphics.Color)	4290239193 (0xFFB7DAD9)
YUV	207.4210, 4.7224, -21.4172
Hunter-Lab	80.7588, -15.0781, 1.2951

Details

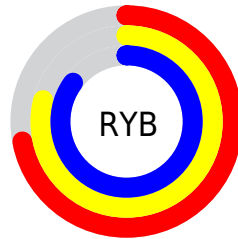
The Yxy color **65.2198, 0.2891, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.2175, 0.3422, 0.3279**, and the grayscale version is **62.6593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **33.4701, 0.2831, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **62.7216, 0.2756, 0.3309**, and if you desaturate by 10%, it is **68.1375, 0.3036, 0.3294**.

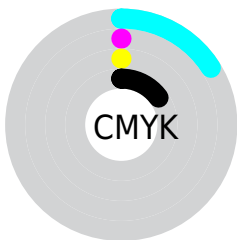
Distribution



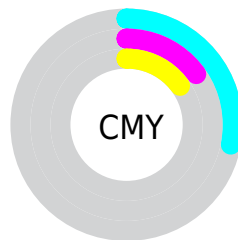
- Red (72%)
- Green (85%)
- Blue (85%)



- Red (72%)
- Yellow (79%)
- Blue (85%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (28%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2198, 0.2891, 0.3301 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 65.2198, 0.2891, 0.3301 by changing the saturation by 10% instead.

 65.2198, 0.2891,
0.3301

 65.2198, 0.2891,
0.3301


443.5814, 0.3002,
0.3297

 47.6393, 0.2865,
0.3302


 112.3658, 0.2930,
0.3300

 33.5414, 0.2833,
0.3303


142.7001, 0.2945,
0.3299

 22.5415, 0.2792,
0.3303


178.0545, 0.2958,
0.3299

 14.2553, 0.2738,
0.3304

218.8134, 0.2969,
0.3298

 8.2985, 0.2663,
0.3305

265.3611, 0.2979,
0.3298

 4.2865, 0.2553,
0.3304

318.0821, 0.2987,

 1.8351, 0.2375,

0.3297

377.3607, 0.2995,
0.3297

0.3299

0.5089, 0.1328,
0.3398

0.0000, 0.0000,
0.0000

65.2198, 0.2891,
0.3301

65.2198, 0.2891,
0.3301

62.7216, 0.2756,
0.3309

68.1375, 0.3036,
0.3294

60.6159, 0.2635,
0.3317

71.4845, 0.3187,
0.3288

58.8848, 0.2529,
0.3326

75.2801, 0.3343,
0.3282

57.5061, 0.2440,
0.3334

76.5492, 0.3388,
0.3276

■ 56.4550, 0.2371,
0.3344

■ 76.5818, 0.3383,
0.3270

■ 55.7036, 0.2320,
0.3353

■ 76.6145, 0.3379,
0.3264

■ 55.2195, 0.2289,
0.3362

■ 76.6474, 0.3375,
0.3257

■ 54.9621, 0.2274,
0.3371

■ 76.6804, 0.3370,
0.3251

■ 54.8947, 0.2271,
0.3375

■ 76.7135, 0.3366,
0.3245

Harmonies

Analogous

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



65.2198, 0.3007, 0.3437



65.2198, 0.2891, 0.3301



65.2198, 0.2838, 0.3166

Triad

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



65.2198, 0.2891, 0.3301



65.2198, 0.3092, 0.3063



65.2198, 0.3401, 0.3507

Complementary

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



65.2198, 0.2891, 0.3301



52.2175, 0.3422, 0.3279

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.



65.2198, 0.3426, 0.3402



65.2198, 0.2891, 0.3301



65.2198, 0.3245, 0.3150

Square

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



65.2198, 0.2891, 0.3301



65.2198, 0.2951, 0.3034



65.2198, 0.3368, 0.3272



65.2198, 0.3302, 0.3556

Rectangle

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



65.2198, 0.2891, 0.3301



65.2198, 0.2844, 0.3096



65.2198, 0.3368, 0.3272



65.2198, 0.3419, 0.3477

Sweetspot

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



65.2225, 0.2891, 0.3301



97.6383, 0.3051, 0.3293



63.7728, 0.3115, 0.3719



20.8303, 0.3040, 0.3294



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.



65.2225, 0.2891, 0.3301



91.8527, 0.2848, 0.3303



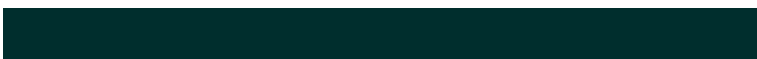
57.2048, 0.2877, 0.3092



14.8229, 0.2986, 0.3296



32.8865, 0.2270, 0.3373



2.1326, 0.2266, 0.3358

Inverse Universe

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



52.2175, 0.3422, 0.3279



70.2180, 0.3492, 0.3277



59.3183, 0.3400, 0.3480



13.0575, 0.3287, 0.3284



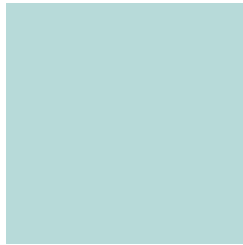
8.9407, 0.6369, 0.3282



0.5814, 0.6272, 0.3229

Previews

White Background



This preview shows how the Yxy color 65.2198, 0.2891, 0.3301 looks on a white background.

Color Contrast Check

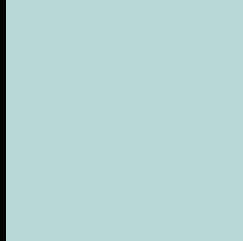
Large Text (above 18pt) WCAG AA × Fail

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 65.2198, 0.2891, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

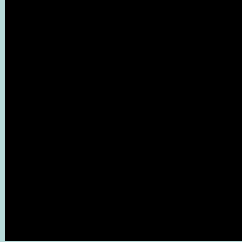
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

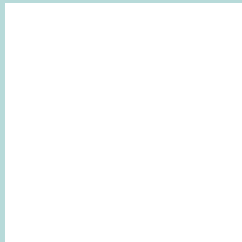
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2198, 0.2891, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 65.2198, 0.2891, 0.3301.

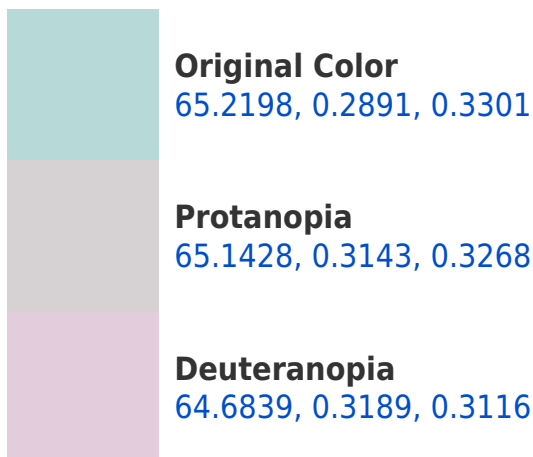


This preview shows how white text looks on a background with the Yxy color 65.2198, 0.2891, 0.3301.

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

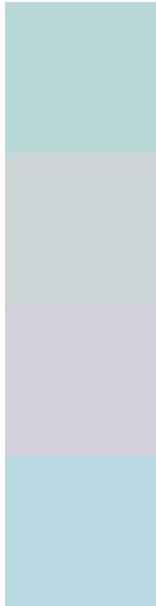




Tritanopia

65.4340, 0.2813, 0.3093

Trichromacy



Original Color

65.2198, 0.2891, 0.3301

Protanomaly

65.1400, 0.3048, 0.3278

Deuteranomaly

64.5643, 0.3073, 0.3177

Tritanomaly

65.4860, 0.2843, 0.3173

Monochromacy



Original Color

65.2198, 0.2891, 0.3301

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.2974, 0.3032, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2198, 0.2891, 0.3301 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(183, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(183, 218, 217)  
}
```

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(183, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 218, 217) }
```

Border

The CSS property to change the border of an element to Yxy 65.2198, 0.2891, 0.3301 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(183, 218, 217) }
```

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

```
.border{ border-color:rgb(183, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(183, 218,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2198, 0.2891, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 218, 217) }
```

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

```
.background{ background-color: rgb(183,  
218, 217) }
```

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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