

Converting Colors

$Yxy(58.5550, 0.3001, 0.3407)$

Have a look what the booklet for
Yxy(58.5550, 0.3001, 0.3407)
contains.

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Color

Yxy(58.5266, 0.2996, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	B5CFC6
RGB	181, 207, 198
RGB Percent	71%, 81%, 78%
CMY	0.2903, 0.1882, 0.2235
CMYK	0.13, 0.00, 0.04, 0.19
HSL	159°, 21%, 76%
HSV	159°, 13%, 81%
XYZ	51.5571, 58.5266, 62.0027
YIQ	198.2000, -12.6070, -8.3110

Conversions

Conversions Part 2

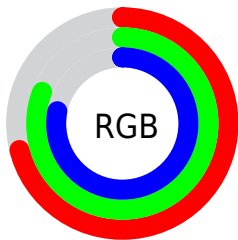
Format	Color
RYB	181, 197, 207
Decimal	11915206
CIELab	81.03, -10.46, 1.52
CIElCh	81, 10.571, 171.726
Yxy	58.5266, 0.2996, 0.3401
Android (android.graphics.Color)	4290105286 (0xFFB5CFC6)
YUV	198.2000, -0.0986, -15.0844
Hunter-Lab	76.5027, -13.5840, 5.4994

Details

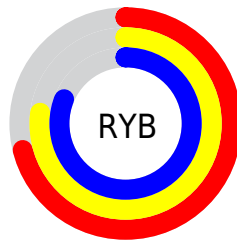
The Yxy color **58.5266, 0.2996, 0.3401** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.0225, 0.3279, 0.3182**, and the grayscale version is **56.6050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **29.3853, 0.2965, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **55.8871, 0.2897, 0.3500**, and if you desaturate by 10%, it is **61.5584, 0.3100, 0.3312**.

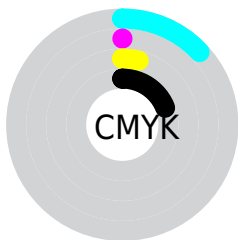
Distribution



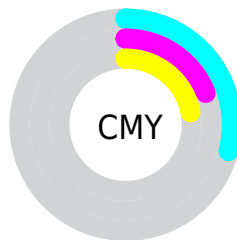
- Red (71%)
- Green (81%)
- Blue (78%)



- Red (71%)
- Yellow (77%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (19%)





- Cyan (29%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5266, 0.2996, 0.3401 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 58.5266, 0.2996, 0.3401 by changing the saturation by 10% instead.


 58.5266, 0.2996,
0.3401

 58.5266, 0.2996,
0.3401


419.1453, 0.3059,
0.3347

 42.2322, 0.2981,
0.3414

 102.6893, 0.3019,
0.3382

 29.2831, 0.2962,
0.3430

131.3264, 0.3027,
0.3375

 19.2951, 0.2937,
0.3451


164.8464, 0.3034,
0.3368

 11.8837, 0.2903,
0.3480

203.6338, 0.3041,
0.3363

 6.6645, 0.2855,
0.3522

248.0731, 0.3046,
0.3358

 3.2532, 0.2781,
0.3586

298.5484, 0.3051,

 1.2653, 0.2652,

0.3354

355.4444, 0.3055,
0.3351

0.3700

0.1141, 0.0000,
0.8646

0.0000, 0.0000,
0.0000

58.5266, 0.2996,
0.3401

58.5266, 0.2996,
0.3401

55.8871, 0.2897,
0.3500

61.5584, 0.3100,
0.3312

53.6161, 0.2804,
0.3608


64.9908, 0.3206,
0.3231

51.6982, 0.2723,
0.3724

68.8408, 0.3312,
0.3160

50.1142, 0.2654,
0.3848


71.4188, 0.3351,
0.3093


 48.8428, 0.2602,
0.3978


 71.8221, 0.3298,
0.3022


 47.8605, 0.2568,
0.4111


 72.2421, 0.3247,
0.2953

 47.1399, 0.2555,
0.4244

 72.6789, 0.3196,
0.2885

 46.6486, 0.2562,
0.4377

 73.1111, 0.3149,
0.2821

 46.3898, 0.2576,
0.4474

Harmonies

Analogous

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



58.5266, 0.3128, 0.3495



58.5266, 0.2996, 0.3401



58.5266, 0.2900, 0.3276

Triad

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



58.5266, 0.2996, 0.3401



58.5266, 0.2989, 0.3059



58.5266, 0.3398, 0.3412

Complementary

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



58.5266, 0.2996, 0.3401



50.0225, 0.3279, 0.3182

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.



58.5266, 0.3360, 0.3297



58.5266, 0.2996, 0.3401



58.5266, 0.3121, 0.3096

Square

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



58.5266, 0.2996, 0.3401



58.5266, 0.2896, 0.3080



58.5266, 0.3257, 0.3182



58.5266, 0.3362, 0.3499

Rectangle

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



58.5266, 0.2996, 0.3401



58.5266, 0.2868, 0.3195



58.5266, 0.3257, 0.3182



58.5266, 0.3393, 0.3376

Sweetspot

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



58.5291, 0.2996, 0.3401



97.8911, 0.3084, 0.3324



58.9249, 0.3181, 0.3611



20.8704, 0.3076, 0.3331



0.0000, 0.0000, 0.0000



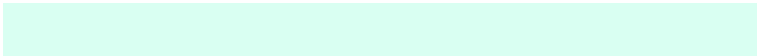
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5291, 0.2996, 0.3401



92.6296, 0.2970, 0.3426



57.0884, 0.2935, 0.3242



13.3346, 0.3028, 0.3372



29.2426, 0.2571, 0.4456



1.6497, 0.2504, 0.4215

Inverse Universe

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



50.0225, 0.3279, 0.3182



76.4697, 0.3315, 0.3158



51.2507, 0.3348, 0.3338



11.8749, 0.3237, 0.3210



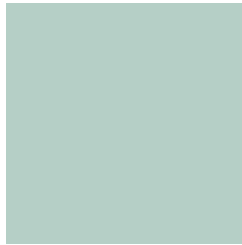
8.6661, 0.5574, 0.2844



0.4994, 0.5059, 0.2560

Previews

White Background



This preview shows how the Yxy color 58.5266, 0.2996, 0.3401 looks on a white background.

Color Contrast Check

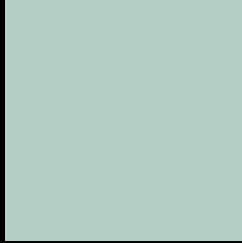
Large Text (above 18pt) WCAG AA × Fail

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 58.5266, 0.2996, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

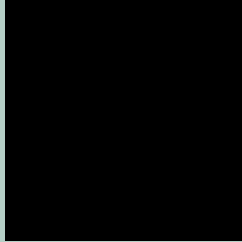
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

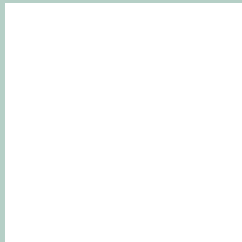
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5266, 0.2996, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 58.5266, 0.2996, 0.3401.

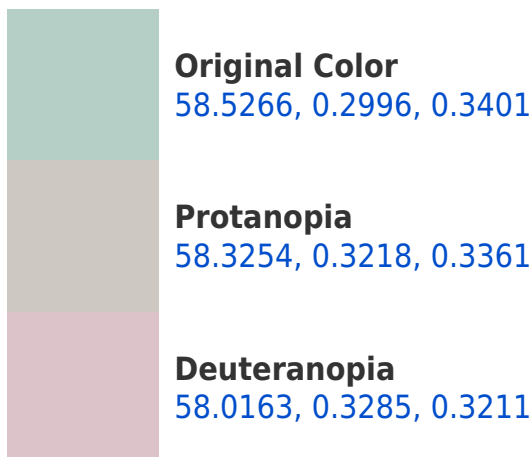


This preview shows how white text looks on a background with the Yxy color 58.5266, 0.2996, 0.3401.

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

58.6673, 0.2879, 0.3098

Trichromacy



Original Color

58.5266, 0.2996, 0.3401

Protanomaly

58.5223, 0.3138, 0.3386

Deuteranomaly

58.1388, 0.3175, 0.3278

Tritanomaly

58.6065, 0.2925, 0.3205

Monochromacy



Original Color

58.5266, 0.2996, 0.3401

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.0570, 0.3079, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5266, 0.2996, 0.3401 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(181, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(181, 207, 198)  
}
```

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(181, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 207, 198) }
```

Border

The CSS property to change the border of an element to Yxy 58.5266, 0.2996, 0.3401 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(181, 207, 198) }
```

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

```
.border{ border-color:rgb(181, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(181, 207,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5266, 0.2996, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 207, 198) }
```

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

```
.background{ background-color: rgb(181,  
207, 198) }
```

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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