

Converting Colors

Yxy(56.1462, 0.3006, 0.3371)

Have a look what the booklet for
Yxy(56.1462, 0.3006, 0.3371)
contains.

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Color

Yxy(55.9299, 0.3002, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	B4CAC4
RGB	180, 202, 196
RGB Percent	71%, 79%, 77%
CMY	0.2943, 0.2078, 0.2314
CMYK	0.11, 0.00, 0.03, 0.21
HSL	164°, 17%, 75%
HSV	164°, 11%, 79%
XYZ	49.8965, 55.9299, 60.3843
YIQ	194.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

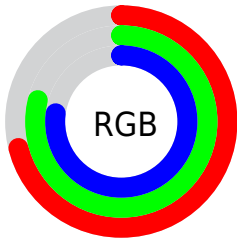
Format	Color
R_{YB}	180, 193, 202
Decimal	11848388
CIE _{Lab}	79.57, -8.61, 0.46
CIE _{LCh}	80, 8.621, 176.910
Yxy	55.9299, 0.3002, 0.3365
Android (android.graphics.Color)	4290038468 (0xFFB4CAC4)
YUV	194.7380, 0.6222, -12.9252
Hunter-Lab	74.7863, -11.7831, 4.4782

Details

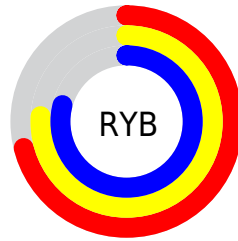
The Yxy color **55.9299, 0.3002, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7246, 0.3270, 0.3216**, and the grayscale version is **54.4063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4447, 0.3022, 0.3309**, and **27.6448, 0.2972, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **53.4360, 0.2893, 0.3441**, and if you desaturate by 10%, it is **58.7911, 0.3116, 0.3296**.

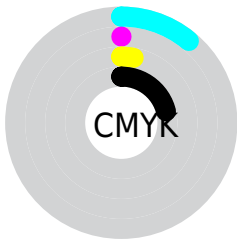
Distribution



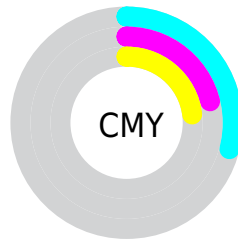
- Red (71%)
- Green (79%)
- Blue (77%)



- Red (71%)
- Yellow (76%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)





- Cyan (29%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9299, 0.3002, 0.3365 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 55.9299, 0.3002, 0.3365 by changing the saturation by 10% instead.


 55.9299, 0.3002,
0.3365

 55.9299, 0.3002,
0.3365


409.4273, 0.3063,
0.3329

 40.1467, 0.2987,
0.3374


 98.9021, 0.3024,
0.3352

 27.6530, 0.2969,
0.3385


126.8599, 0.3032,
0.3347

 18.0642, 0.2945,
0.3399


159.6446, 0.3039,
0.3343

 10.9961, 0.2912,
0.3419

197.6408, 0.3045,
0.3339

 6.0642, 0.2865,
0.3448

241.2328, 0.3050,
0.3336

 2.8842, 0.2791,
0.3492

290.8049, 0.3055,

 1.0716, 0.2658,

0.3333

0.3573

346.7416, 0.3059,
0.3331

0.0000, 0.0000,
0.0000

55.9299, 0.3002,
0.3365

55.9299, 0.3002,
0.3365

53.4360, 0.2893,
0.3441

58.7911, 0.3116,
0.3296

51.2870, 0.2791,
0.3524

62.0269, 0.3233,
0.3234

49.4688, 0.2700,
0.3613

65.6533, 0.3351,
0.3179

47.9637, 0.2622,
0.3708

68.5752, 0.3422,
0.3128

46.7520, 0.2561,
0.3807

68.8690, 0.3380,
0.3072

■ 45.8123, 0.2518,
0.3909

■ 69.1726, 0.3338,
0.3018

■ 45.1195, 0.2495,
0.4011

■ 69.4859, 0.3298,
0.2964

■ 44.6442, 0.2491,
0.4114

■ 69.8091, 0.3257,
0.2911

■ 44.3520, 0.2502,
0.4206

■ 70.1422, 0.3217,
0.2859

Harmonies

Analogous

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



55.9299, 0.3109, 0.3449



55.9299, 0.3002, 0.3365



55.9299, 0.2929, 0.3261

Triad

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



55.9299, 0.3002, 0.3365



55.9299, 0.3031, 0.3100



55.9299, 0.3350, 0.3407

Complementary

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



55.9299, 0.3002, 0.3365



48.7246, 0.3270, 0.3216

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.



55.9299, 0.3329, 0.3313



55.9299, 0.3002, 0.3365



55.9299, 0.3143, 0.3139

Square

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



55.9299, 0.3002, 0.3365



55.9299, 0.2946, 0.3110



55.9299, 0.3252, 0.3216



55.9299, 0.3311, 0.3471

Rectangle

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



55.9299, 0.3002, 0.3365



55.9299, 0.2909, 0.3196



55.9299, 0.3252, 0.3216



55.9299, 0.3350, 0.3378

Sweetspot

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



55.9323, 0.3002, 0.3365



98.4440, 0.3092, 0.3310



56.0076, 0.3163, 0.3567



20.9842, 0.3083, 0.3316



0.0000, 0.0000, 0.0000



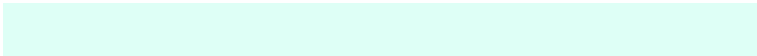
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9323, 0.3002, 0.3365



93.6765, 0.2977, 0.3382



54.0024, 0.2960, 0.3230



12.6727, 0.3019, 0.3354



28.5495, 0.2498, 0.4192



1.4852, 0.2443, 0.3994

Inverse Universe

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



48.7246, 0.3270, 0.3216



79.1870, 0.3303, 0.3200



50.4373, 0.3313, 0.3349



11.2632, 0.3248, 0.3227



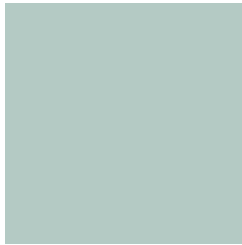
8.2715, 0.5836, 0.2988



0.4397, 0.5264, 0.2673

Previews

White Background



This preview shows how the Yxy color 55.9299, 0.3002, 0.3365 looks on a white background.

Color Contrast Check

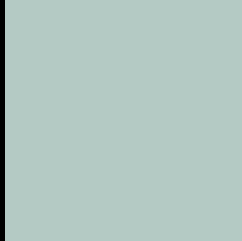
Large Text (above 18pt) WCAG AA × Fail

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 55.9299, 0.3002, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

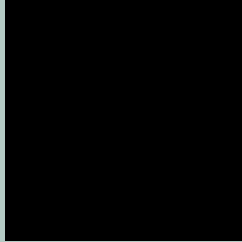
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

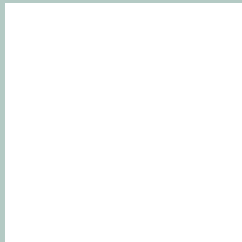
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9299, 0.3002, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 55.9299, 0.3002, 0.3365.



This preview shows how white text looks on a background with the Yxy color 55.9299, 0.3002, 0.3365.

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

55.9299, 0.3002, 0.3365

Protanopia

55.7476, 0.3189, 0.3326

Deuteranopia

55.7859, 0.3270, 0.3209



Tritanopia

55.8204, 0.2895, 0.3095

Trichromacy



Original Color

55.9299, 0.3002, 0.3365

Protanomaly

55.6207, 0.3117, 0.3339

Deuteranomaly

55.6180, 0.3168, 0.3266

Tritanomaly

55.8077, 0.2935, 0.3191

Monochromacy



Original Color

55.9299, 0.3002, 0.3365

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2754, 0.3086, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9299, 0.3002, 0.3365 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(180, 202, 196)` looks like.

```
.text, #text, p{  
    color:rgb(180, 202, 196)  
}
```

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(180, 202, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 202, 196) }
```

Border

The CSS property to change the border of an element to Yxy 55.9299, 0.3002, 0.3365 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(180, 202, 196) }
```

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

```
.border{ border-color:rgb(180, 202, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 202, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 202, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 202, 196);  
box-shadow:4px 4px 4px 4px rgb(180, 202,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9299, 0.3002, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 202, 196) }
```

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

```
.background{ background-color: rgb(180,  
202, 196) }
```

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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