

Converting Colors

$Yxy(55.3858, 0.2918, 0.3645)$

Have a look what the booklet for
Yxy(55.3858, 0.2918, 0.3645)
contains.

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Color

Yxy(55.3180, 0.2917, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	9AD0B5
RGB	154, 208, 181
RGB Percent	60%, 82%, 71%
CMY	0.3961, 0.1843, 0.2902
CMYK	0.26, 0.00, 0.13, 0.18
HSL	150°, 36%, 71%
HSV	150°, 26%, 82%
XYZ	44.2210, 55.3180, 52.0586
YIQ	188.7760, -23.5170, -19.8450

Conversions

Conversions Part 2

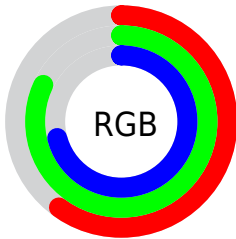
Format	Color
RYB	154, 190, 208
Decimal	10145973
CIELab	79.22, -23.01, 7.79
CIELCh	79, 24.295, 161.298
Yxy	55.3180, 0.2917, 0.3649
Android (android.graphics.Color)	4288336053 (0xFF9AD0B5)
YUV	188.7760, -3.8336, -30.4986
Hunter-Lab	74.3761, -24.0291, 10.5639

Details

The Yxy color **55.3180, 0.2917, 0.3649** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.8565, 0.3407, 0.2958**, and the grayscale version is **50.7867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1897, 0.2950, 0.3478**, and **27.1077, 0.2856, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **53.0419, 0.2845, 0.3813**, and if you desaturate by 10%, it is **57.9842, 0.2995, 0.3499**.

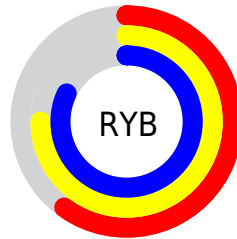
Distribution



Red (60%)

Green (82%)

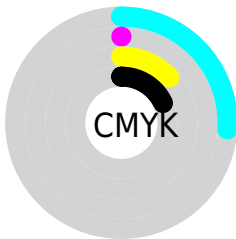
Blue (71%)



Red (60%)

Yellow (75%)

Blue (82%)

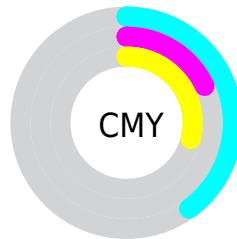


Cyan (26%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (40%)

Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3180, 0.2917, 0.3649 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 55.3180, 0.2917, 0.3649 by changing the saturation by 10% instead.

■ 55.3180, 0.2917,
0.3649

■ 55.3180, 0.2917,
0.3649

407.1162, 0.3021,
0.3470

■ 39.6564, 0.2891,
0.3693

■ 98.0067, 0.2955,
0.3584

■ 27.2707, 0.2858,
0.3751

■ 125.8026, 0.2969,
0.3560

■ 17.7767, 0.2815,
0.3826

158.4120, 0.2981,
0.3539

■ 10.7898, 0.2755,
0.3932

196.2194, 0.2991,
0.3521

■ 5.9256, 0.2666,
0.4088

239.6091, 0.3000,
0.3506

■ 2.7999, 0.2522,
0.4344

288.9656, 0.3008,

■ 1.0282, 0.2040,

0.3493

0.5130

344.6731, 0.3015,
0.3481

0.0000, 0.0000,
0.0000

55.3180, 0.2917,
0.3649

55.3180, 0.2917,
0.3649

53.0419, 0.2845,
0.3813

57.9842, 0.2995,
0.3499

51.1301, 0.2783,
0.3991

61.0512, 0.3077,
0.3364

49.5644, 0.2733,
0.4179

64.5379, 0.3161,
0.3243

48.3219, 0.2700,
0.4374

68.4597, 0.3244,
0.3136

47.3773, 0.2685,
0.4571

72.2586, 0.3303,
0.3040

■ 46.7007, 0.2691,
0.4764

■ 72.8708, 0.3229,
0.2940

■ 46.2555, 0.2715,
0.4949

■ 73.5187, 0.3157,
0.2842

■ 46.1140, 0.2728,
0.5021

■ 73.5949, 0.3149,
0.2831

Harmonies

Analogous

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



55.3180, 0.3234, 0.3834



55.3180, 0.2917, 0.3649



55.3180, 0.2665, 0.3355

Triad

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



55.3180, 0.2917, 0.3649



55.3180, 0.2719, 0.2763



55.3180, 0.3757, 0.3469

Complementary

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



55.3180, 0.2917, 0.3649



39.8565, 0.3407, 0.2958

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.



55.3180, 0.3605, 0.3202



55.3180, 0.2917, 0.3649



55.3180, 0.2995, 0.2809

Square

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



55.3180, 0.2917, 0.3649



55.3180, 0.2556, 0.2848



55.3180, 0.3321, 0.2967



55.3180, 0.3728, 0.3707

Rectangle

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



55.3180, 0.2917, 0.3649



55.3180, 0.2563, 0.3151



55.3180, 0.3321, 0.2967



55.3180, 0.3725, 0.3380

Sweetspot

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



55.3203, 0.2917, 0.3649



95.6944, 0.3060, 0.3391



57.3808, 0.3306, 0.3980



20.3196, 0.3047, 0.3411



0.0000, 0.0000, 0.0000



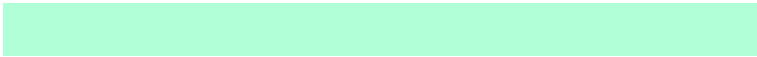
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3203, 0.2917, 0.3649



85.6746, 0.2877, 0.3736



56.4945, 0.2755, 0.3300



13.3034, 0.3049, 0.3409



28.7583, 0.2721, 0.4996



1.6240, 0.2628, 0.4659

Inverse Universe

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



39.8565, 0.3407, 0.2958



57.2223, 0.3483, 0.2885



38.8830, 0.3668, 0.3280



11.9055, 0.3213, 0.3174



9.0006, 0.4944, 0.2497



0.5193, 0.4541, 0.2275

Previews

White Background



This preview shows how the Yxy color 55.3180, 0.2917, 0.3649 looks on a white background.

Color Contrast Check

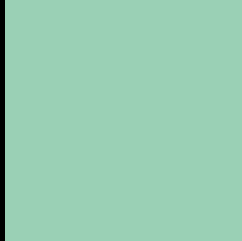
Large Text (above 18pt) WCAG AA × Fail

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 55.3180, 0.2917, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

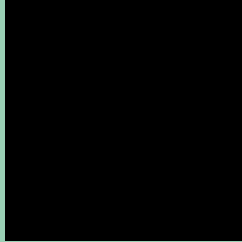
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3180, 0.2917, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 55.3180, 0.2917, 0.3649.

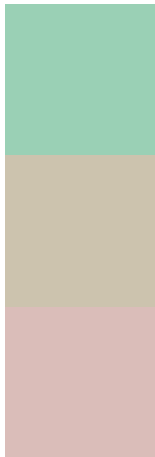


This preview shows how white text looks on a background with the Yxy color 55.3180, 0.2917, 0.3649.

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

55.3180, 0.2917, 0.3649

Protanopia

54.9236, 0.3361, 0.3546

Deuteranopia

54.8034, 0.3402, 0.3338



Tritanopia

55.4034, 0.2723, 0.3089

Trichromacy



Original Color

55.3180, 0.2917, 0.3649

Protanomaly

54.9220, 0.3184, 0.3581

Deuteranomaly

54.5426, 0.3209, 0.3438

Tritanomaly

55.3395, 0.2790, 0.3289

Monochromacy



Original Color

55.3180, 0.2917, 0.3649

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.2551, 0.3043, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3180, 0.2917, 0.3649 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(154, 208, 181)` looks like.

```
.text, #text, p{  
    color:rgb(154, 208, 181)  
}
```

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(154, 208, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 208, 181) }
```

Border

The CSS property to change the border of an element to Yxy 55.3180, 0.2917, 0.3649 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(154, 208, 181) }
```

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

```
.border{ border-color:rgb(154, 208, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 208, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(154, 208,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3180, 0.2917, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 208, 181) }
```

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

```
.background{ background-color: rgb(154,  
208, 181) }
```

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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