

Converting Colors

$Y_{xy}(55.2726, 0.2987, 0.3597)$

Have a look what the booklet for
Yxy(55.2726, 0.2987, 0.3597)
contains.

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Color

Yxy(55.5193, 0.2987, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	A5CEB6
RGB	165, 206, 182
RGB Percent	65%, 81%, 71%
CMY	0.3530, 0.1921, 0.2863
CMYK	0.20, 0.00, 0.12, 0.19
HSL	145°, 30%, 73%
HSV	145°, 20%, 81%
XYZ	46.0272, 55.5193, 52.5453
YIQ	191.0050, -16.7320, -16.1560

Conversions

Conversions Part 2

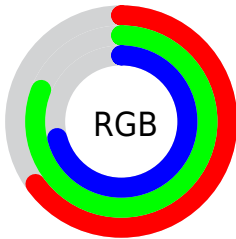
Format	Color
RYB	165, 194, 206
Decimal	10866358
CIELab	79.34, -18.31, 7.50
CIELCh	79, 19.783, 157.712
Yxy	55.5193, 0.2987, 0.3603
Android (android.graphics.Color)	4289056438 (0xFFA5CEB6)
YUV	191.0050, -4.4395, -22.8064
Hunter-Lab	74.5113, -20.1314, 10.3466

Details

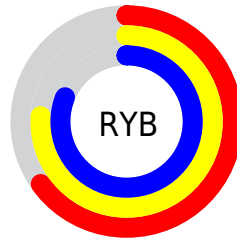
The Yxy color **55.5193, 0.2987, 0.3603** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6973, 0.3298, 0.2997**, and the grayscale version is **52.1351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9087, 0.3009, 0.3464**, and **27.4862, 0.2945, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **53.0109, 0.2921, 0.3787**, and if you desaturate by 10%, it is **58.4311, 0.3057, 0.3437**.

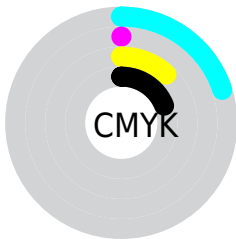
Distribution



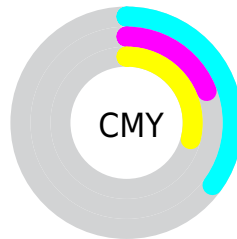
- Red (65%)
- Green (81%)
- Blue (71%)



- Red (65%)
- Yellow (76%)
- Blue (81%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)





- Cyan (35%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5193, 0.2987, 0.3603 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 55.5193, 0.2987, 0.3603 by changing the saturation by 10% instead.

 55.5193, 0.2987,
0.3603

 55.5193, 0.2987,
0.3603


407.8774, 0.3057,
0.3448

 39.8176, 0.2970,
0.3641

 98.3014, 0.3012,
0.3547

 27.3964, 0.2948,
0.3691


 126.1506, 0.3022,
0.3526

 17.8711, 0.2918,
0.3756


158.8178, 0.3030,
0.3508

 10.8575, 0.2877,
0.3847

196.6874, 0.3037,
0.3492

 5.9711, 0.2817,
0.3981

240.1438, 0.3043,
0.3479

 2.8275, 0.2718,
0.4199

289.5713, 0.3048,

 1.0424, 0.2459,

0.3467

0.4783

345.3544, 0.3053,
0.3457

0.0000, 0.0000,
0.0000

55.5193, 0.2987,
0.3603

55.5193, 0.2987,
0.3603

53.0109, 0.2921,
0.3787

58.4311, 0.3057,
0.3437

50.8808, 0.2862,
0.3988

61.7561, 0.3128,
0.3289

49.1117, 0.2812,
0.4203

65.5127, 0.3199,
0.3158

47.6825, 0.2776,
0.4428

69.7158, 0.3268,
0.3043

46.5694, 0.2756,
0.4658

71.8347, 0.3239,
0.2931

■ 45.7456, 0.2754,
0.4883

■ 72.5842, 0.3154,
0.2818

■ 45.1795, 0.2772,
0.5097

■ 72.6278, 0.3150,
0.2811

■ 44.8139, 0.2804,
0.5293

■ 44.8113, 0.2804,
0.5295

Harmonies

Analogous

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



55.5193, 0.3248, 0.3738



55.5193, 0.2987, 0.3603



55.5193, 0.2770, 0.3375

Triad

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



55.5193, 0.2987, 0.3603



55.5193, 0.2772, 0.2861



55.5193, 0.3630, 0.3414

Complementary

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



55.5193, 0.2987, 0.3603



43.6973, 0.3298, 0.2997

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.



55.5193, 0.3492, 0.3195



55.5193, 0.2987, 0.3603



55.5193, 0.2991, 0.2884

Square

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



55.5193, 0.2987, 0.3603



55.5193, 0.2650, 0.2946



55.5193, 0.3255, 0.3005



55.5193, 0.3626, 0.3613

Rectangle

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



55.5193, 0.2987, 0.3603



55.5193, 0.2677, 0.3209



55.5193, 0.3255, 0.3005



55.5193, 0.3599, 0.3341

Sweetspot

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



55.5216, 0.2987, 0.3603



96.6496, 0.3084, 0.3378



57.7586, 0.3292, 0.3804



20.6122, 0.3079, 0.3388



0.0000, 0.0000, 0.0000



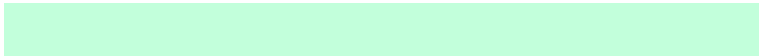
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5216, 0.2987, 0.3603



88.0875, 0.2958, 0.3681



56.4041, 0.2857, 0.3341



12.6129, 0.3060, 0.3429



27.6085, 0.2796, 0.5267



1.4393, 0.2687, 0.4872

Inverse Universe

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



43.6973, 0.3298, 0.2997



65.4458, 0.3344, 0.2929



42.8913, 0.3480, 0.3240



11.3219, 0.3200, 0.3155



8.9427, 0.4588, 0.2301



0.4762, 0.4248, 0.2114

Previews

White Background



This preview shows how the Yxy color 55.5193, 0.2987, 0.3603 looks on a white background.

Color Contrast Check

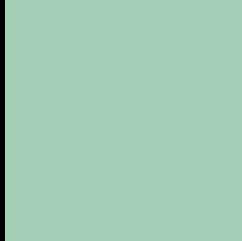
Large Text (above 18pt) WCAG AA × Fail

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 55.5193, 0.2987, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

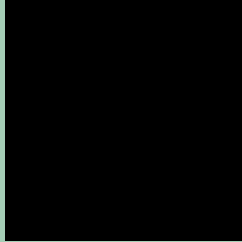
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5193, 0.2987, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 55.5193, 0.2987, 0.3603.



This preview shows how white text looks on a background with the Yxy color 55.5193, 0.2987, 0.3603.

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

55.5193, 0.2987, 0.3603

Protanopia

55.0022, 0.3345, 0.3521

Deuteranopia

54.9580, 0.3411, 0.3337



Tritanopia

55.4410, 0.2799, 0.3091

Trichromacy



Original Color

55.5193, 0.2987, 0.3603

Protanomaly

55.0083, 0.3210, 0.3553

Deuteranomaly

54.6330, 0.3242, 0.3425

Tritanomaly

55.5065, 0.2870, 0.3277

Monochromacy



Original Color

55.5193, 0.2987, 0.3603

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.0558, 0.3075, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5193, 0.2987, 0.3603 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(165, 206, 182)` looks like.

```
.text, #text, p{  
    color:rgb(165, 206, 182)  
}
```

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(165, 206, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 206, 182) }
```

Border

The CSS property to change the border of an element to Yxy 55.5193, 0.2987, 0.3603 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(165, 206, 182) }
```

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

```
.border{ border-color:rgb(165, 206, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 206, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 206, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 206, 182);  
box-shadow:4px 4px 4px 4px rgb(165, 206,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5193, 0.2987, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 206, 182) }
```

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

```
.background{ background-color: rgb(165,  
206, 182) }
```

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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