

Converting Colors

Yxy(56.4645, 0.2910, 0.3457)

Have a look what the booklet for
Yxy(56.4645, 0.2910, 0.3457)
contains.

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Color

Yxy(56.5200, 0.2909, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	A5CFC2
RGB	165, 207, 194
RGB Percent	65%, 81%, 76%
CMY	0.3528, 0.1883, 0.2392
CMYK	0.20, 0.00, 0.06, 0.19
HSL	161°, 30%, 73%
HSV	161°, 20%, 81%
XYZ	47.5743, 56.5200, 59.4474
YIQ	192.9600, -20.8590, -12.9470

Conversions

Conversions Part 2

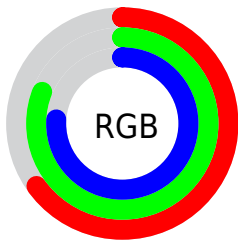
Format	Color
R_{YB}	165, 190, 207
Decimal	10866626
CIE _{Lab}	79.91, -16.41, 1.90
CIE _{LCh}	80, 16.518, 173.407
Yxy	56.5200, 0.2909, 0.3456
Android (android.graphics.Color)	4289056706 (0xFFA5CFC2)
YUV	192.9600, 0.5127, -24.5209
Hunter-Lab	75.1798, -18.6086, 5.7431

Details

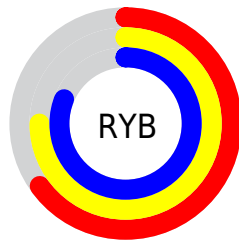
The Yxy color **56.5200, 0.2909, 0.3456** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4044, 0.3406, 0.3130**, and the grayscale version is **53.3154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7943, 0.2950, 0.3340**, and **28.1207, 0.2852, 0.3517** is the 20% darker color. If you saturate the color by 10%, you get **54.1971, 0.2811, 0.3550**, and if you desaturate by 10%, it is **59.2193, 0.3014, 0.3370**.

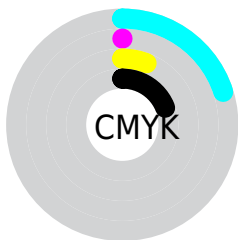
Distribution



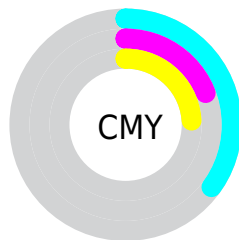
- Red (65%)
- Green (81%)
- Blue (76%)



- Red (65%)
- Yellow (75%)
- Blue (81%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)





- Cyan (35%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5200, 0.2909, 0.3456 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 56.5200, 0.2909, 0.3456 by changing the saturation by 10% instead.


 56.5200, 0.2909,
0.3456

 56.5200, 0.2909,
0.3456


411.6482, 0.3015,
0.3375

 40.6200, 0.2884,
0.3476


 99.7645, 0.2947,
0.3427

 28.0223, 0.2851,
0.3501


 127.8777, 0.2961,
0.3416

 18.3424, 0.2809,
0.3533


160.8308, 0.2973,
0.3407

 11.1961, 0.2752,
0.3578

199.0082, 0.2984,
0.3399

 6.1989, 0.2670,
0.3642

242.7942, 0.2993,
0.3392

 2.9664, 0.2543,
0.3744

292.5733, 0.3001,

 1.1142, 0.2276,

0.3385

0.3949

348.7299, 0.3008,
0.3380

0.0000, 0.0000,
0.0000

56.5200, 0.2909,
0.3456

56.5200, 0.2909,
0.3456

54.1971, 0.2811,
0.3550

59.2193, 0.3014,
0.3370

52.2260, 0.2722,
0.3652

62.3042, 0.3124,
0.3292

50.5904, 0.2647,
0.3760

65.7922, 0.3236,
0.3222

49.2696, 0.2588,
0.3873


69.6978, 0.3348,
0.3160

48.2407, 0.2547,
0.3990


71.3762, 0.3355,
0.3099

 47.4775, 0.2526,
0.4109


 71.7346, 0.3308,
0.3036

 46.9490, 0.2524,
0.4226

 72.1062, 0.3262,
0.2973

 46.6046, 0.2539,
0.4340

 72.4912, 0.3217,
0.2912

 72.8898, 0.3172,
0.2852

Harmonies

Analogous

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



56.5200, 0.3114, 0.3613



56.5200, 0.2909, 0.3456



56.5200, 0.2765, 0.3254

Triad

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



56.5200, 0.2909, 0.3456



56.5200, 0.2920, 0.2930



56.5200, 0.3557, 0.3488

Complementary

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



56.5200, 0.2909, 0.3456



43.4044, 0.3406, 0.3130

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.



56.5200, 0.3503, 0.3308



56.5200, 0.2909, 0.3456



56.5200, 0.3128, 0.2994

Square

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



56.5200, 0.2909, 0.3456



56.5200, 0.2771, 0.2955



56.5200, 0.3343, 0.3130



56.5200, 0.3492, 0.3624

Rectangle

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



56.5200, 0.2909, 0.3456



56.5200, 0.2720, 0.3126



56.5200, 0.3343, 0.3130



56.5200, 0.3553, 0.3430

Sweetspot

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



56.5223, 0.2909, 0.3456



96.9116, 0.3060, 0.3336



56.8447, 0.3202, 0.3829



20.6741, 0.3053, 0.3341



0.0000, 0.0000, 0.0000



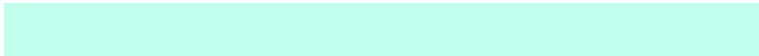
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5223, 0.2909, 0.3456



89.0227, 0.2868, 0.3493



53.4948, 0.2820, 0.3191



13.3422, 0.3024, 0.3363



29.3823, 0.2534, 0.4323



1.6568, 0.2475, 0.4110

Inverse Universe

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



43.4044, 0.3406, 0.3130



64.5454, 0.3477, 0.3097



45.7669, 0.3509, 0.3387



11.8676, 0.3243, 0.3218



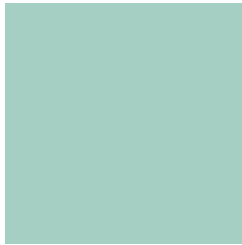
8.6064, 0.5712, 0.2920



0.4954, 0.5183, 0.2629

Previews

White Background



This preview shows how the Yxy color 56.5200, 0.2909, 0.3456 looks on a white background.

Color Contrast Check

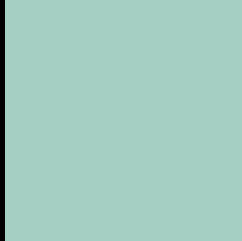
Large Text (above 18pt) WCAG AA × Fail

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 56.5200, 0.2909, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

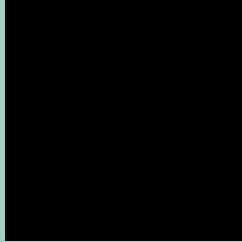
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

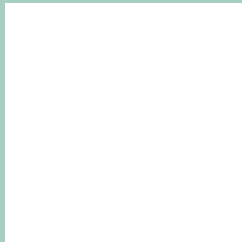
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5200, 0.2909, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 56.5200, 0.2909, 0.3456.

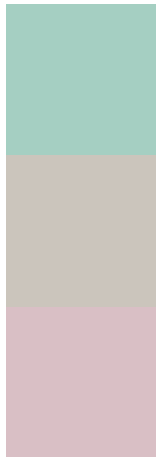


This preview shows how white text looks on a background with the Yxy color 56.5200, 0.2909, 0.3456.

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

56.5200, 0.2909, 0.3456

Protanopia

56.2599, 0.3242, 0.3399

Deuteranopia

56.0445, 0.3295, 0.3221



Tritanopia

56.3724, 0.2782, 0.3092

Trichromacy



Original Color

56.5200, 0.2909, 0.3456

Protanomaly

56.3098, 0.3113, 0.3426

Deuteranomaly

55.9238, 0.3142, 0.3302

Tritanomaly

56.1637, 0.2825, 0.3214

Monochromacy



Original Color

56.5200, 0.2909, 0.3456

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3057, 0.3046, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5200, 0.2909, 0.3456 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, 207, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 207, 194)  
}
```

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, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 207, 194) }
```

Border

The CSS property to change the border of an element to Yxy 56.5200, 0.2909, 0.3456 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, 207, 194) }
```

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

```
.border{ border-color:rgb(165, 207, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 207, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(165, 207,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5200, 0.2909, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 207, 194) }
```

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

```
.background{ background-color: rgb(165,  
207, 194) }
```

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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