

Converting Colors

$Yxy(56.2807, 0.2796, 0.3306)$

Have a look what the booklet for
Yxy(56.2807, 0.2796, 0.3306)
contains.

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Color

Yxy(56.4044, 0.2799, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	9FCFCD
RGB	159, 207, 205
RGB Percent	62%, 81%, 80%
CMY	0.3766, 0.1882, 0.1962
CMYK	0.23, 0.00, 0.01, 0.19
HSL	177°, 33%, 72%
HSV	177°, 23%, 81%
XYZ	47.6247, 56.4044, 66.1199
YIQ	192.4200, -27.9660, -10.7980

Conversions

Conversions Part 2

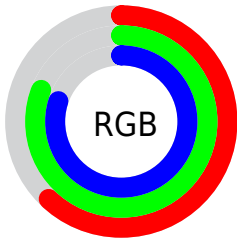
Format	Color
R_{YB}	159, 184, 207
Decimal	10473421
CIE _{Lab}	79.84, -15.99, -4.12
CIE _{LCh}	80, 16.508, 194.440
Y _{xy}	56.4044, 0.2799, 0.3315
Android (android.graphics.Color)	4288663501 (0xFF9FCFCD)
YUV	192.4200, 6.2019, -29.3093
Hunter-Lab	75.1029, -18.2384, 0.3736

Details

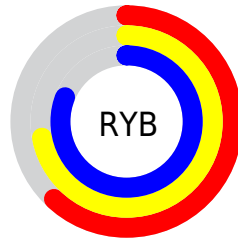
The Yxy color **56.4044, 0.2799, 0.3315** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6298, 0.3582, 0.3266**, and the grayscale version is **52.9440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **28.0810, 0.2713, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **54.4227, 0.2675, 0.3327**, and if you desaturate by 10%, it is **58.7453, 0.2935, 0.3304**.

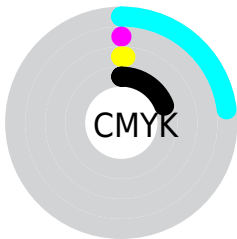
Distribution



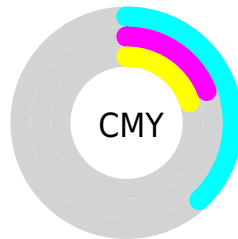
- Red (62%)
- Green (81%)
- Blue (80%)



- Red (62%)
- Yellow (72%)
- Blue (81%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)




- Cyan (38%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4044, 0.2799, 0.3315 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 56.4044, 0.2799, 0.3315 by changing the saturation by 10% instead.


 56.4044, 0.2799,
0.3315

 56.4044, 0.2799,
0.3315


411.2137, 0.2957,
0.3305

 40.5272, 0.2761,
0.3317


 99.5956, 0.2855,
0.3312

 27.9499, 0.2714,
0.3319


 127.6785, 0.2876,
0.3310

 18.2879, 0.2653,
0.3322


160.5986, 0.2895,
0.3309

 11.1569, 0.2571,
0.3325

198.7406, 0.2910,
0.3308

 6.1724, 0.2455,
0.3327

242.4887, 0.2924,
0.3307

 2.9502, 0.2278,
0.3327

292.2273, 0.2936,

 1.1058, 0.1944,

0.3306

0.3330

348.3409, 0.2947,
0.3305

0.0000, 0.0000,
0.0000

56.4044, 0.2799,
0.3315

56.4044, 0.2799,
0.3315

54.4227, 0.2675,
0.3327

58.7453, 0.2935,
0.3304

52.7757, 0.2566,
0.3340

61.4550, 0.3079,
0.3293

51.4466, 0.2473,
0.3354


64.5510, 0.3230,
0.3284


50.4142, 0.2399,
0.3367

68.0481, 0.3384,
0.3275

49.6549, 0.2343,
0.3381


70.5125, 0.3480,
0.3267

 49.1416, 0.2307,
0.3395

 70.5561, 0.3473,
0.3258

 48.8414, 0.2289,
0.3409

 70.6000, 0.3467,
0.3249

 48.7199, 0.2283,
0.3418

 70.6441, 0.3460,
0.3240

 70.6884, 0.3453,
0.3231

Harmonies

Analogous

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



56.4044, 0.2966, 0.3511



56.4044, 0.2799, 0.3315



56.4044, 0.2719, 0.3120

Triad

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



56.4044, 0.2799, 0.3315



56.4044, 0.3063, 0.2966



56.4044, 0.3524, 0.3591

Complementary

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



56.4044, 0.2799, 0.3315



40.6298, 0.3582, 0.3266

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.



56.4044, 0.3554, 0.3436



56.4044, 0.2799, 0.3315



56.4044, 0.3282, 0.3083

Square

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



56.4044, 0.2799, 0.3315



56.4044, 0.2867, 0.2928



56.4044, 0.3464, 0.3252



56.4044, 0.3385, 0.3670

Rectangle

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



56.4044, 0.2799, 0.3315



56.4044, 0.2723, 0.3019



56.4044, 0.3464, 0.3252



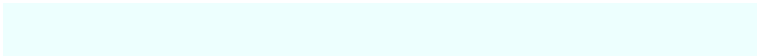
56.4044, 0.3547, 0.3545

Sweetspot

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



56.4067, 0.2799, 0.3315



96.7218, 0.3022, 0.3297



54.7503, 0.3115, 0.3934



20.6450, 0.3014, 0.3298



0.0000, 0.0000, 0.0000



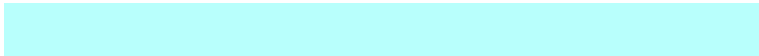
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4067, 0.2799, 0.3315



88.6879, 0.2734, 0.3321



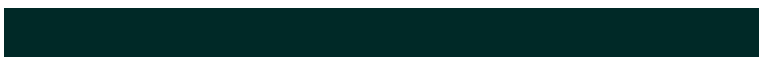
46.7386, 0.2764, 0.3005



13.3981, 0.2989, 0.3300



30.6956, 0.2282, 0.3416



1.7190, 0.2275, 0.3391

Inverse Universe

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



40.6298, 0.3582, 0.3266



58.9467, 0.3718, 0.3260



48.6523, 0.3543, 0.3559



11.8162, 0.3284, 0.3281



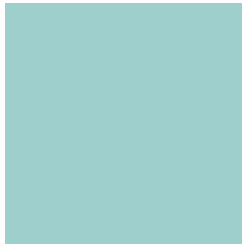
8.3734, 0.6351, 0.3272



0.4711, 0.6192, 0.3185

Previews

White Background



This preview shows how the Yxy color 56.4044, 0.2799, 0.3315 looks on a white background.

Color Contrast Check

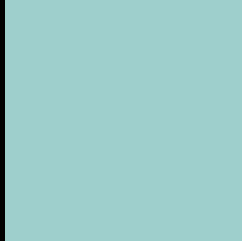
Large Text (above 18pt) WCAG AA × Fail

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 56.4044, 0.2799, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

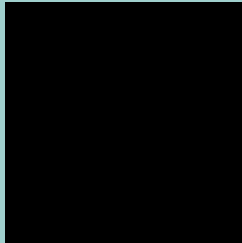
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

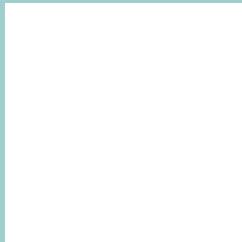
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4044, 0.2799, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 56.4044, 0.2799, 0.3315.

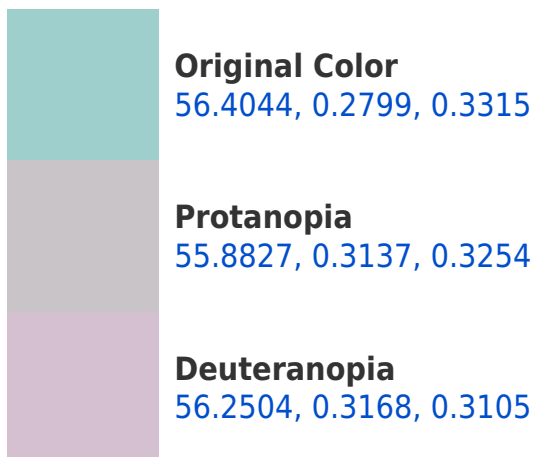


This preview shows how white text looks on a background with the Yxy color 56.4044, 0.2799, 0.3315.

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

56.5645, 0.2720, 0.3090

Trichromacy



Original Color

56.4044, 0.2799, 0.3315

Protanomaly

55.8399, 0.3005, 0.3277

Deuteranomaly

55.7750, 0.3024, 0.3169

Tritanomaly

56.6260, 0.2750, 0.3176

Monochromacy



Original Color

56.4044, 0.2799, 0.3315

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6670, 0.2995, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4044, 0.2799, 0.3315 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(159, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(159, 207, 205)  
}
```

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(159, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 207, 205) }
```

Border

The CSS property to change the border of an element to Yxy 56.4044, 0.2799, 0.3315 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(159, 207, 205) }
```

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

```
.border{ border-color:rgb(159, 207, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 207, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(159, 207,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4044, 0.2799, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 207, 205) }
```

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

```
.background{ background-color: rgb(159,  
207, 205) }
```

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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