

Converting Colors

$Yxy(56.3606, 0.2860, 0.3399)$

Have a look what the booklet for
Yxy(56.3606, 0.2860, 0.3399)
contains.

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Color

Yxy(56.3842, 0.2863, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	A2CFC6
RGB	162, 207, 198
RGB Percent	64%, 81%, 78%
CMY	0.3646, 0.1882, 0.2236
CMYK	0.22, 0.00, 0.04, 0.19
HSL	168°, 32%, 72%
HSV	168°, 22%, 81%
XYZ	47.4091, 56.3842, 61.7991
YIQ	192.5190, -23.9310, -12.3390

Conversions

Conversions Part 2

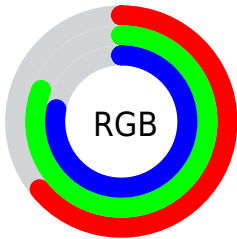
Format	Color
R_{YB}	162, 187, 207
Decimal	10670022
CIE _{Lab}	79.83, -16.54, -0.36
CIE _{LCh}	80, 16.541, 181.260
Yxy	56.3842, 0.2863, 0.3405
Android (android.graphics.Color)	4288860102 (0xFFA2CFC6)
YUV	192.5190, 2.7021, -26.7652
Hunter-Lab	75.0894, -18.7072, 3.7665

Details

The Yxy color **56.3842, 0.2863, 0.3405** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.0599, 0.3477, 0.3179**, and the grayscale version is **53.0299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **28.0473, 0.2793, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **54.2047, 0.2754, 0.3466**, and if you desaturate by 10%, it is **58.9304, 0.2981, 0.3349**.

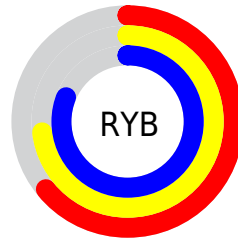
Distribution



Red (64%)

Green (81%)

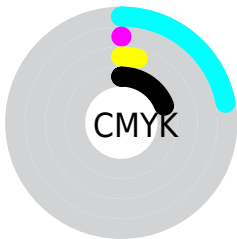
Blue (78%)



Red (64%)

Yellow (73%)

Blue (81%)

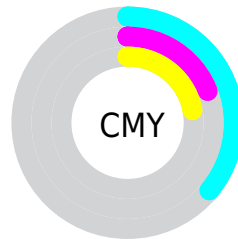


Cyan (22%)

Magenta (0%)

Yellow (4%)

Black (19%)



Cyan (36%)


Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3842, 0.2863, 0.3405 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 56.3842, 0.2863, 0.3405 by changing the saturation by 10% instead.


 56.3842, 0.2863,
0.3405

 56.3842, 0.2863,
0.3405


411.1378, 0.2991,
0.3350

 40.5110, 0.2832,
0.3418


 99.5661, 0.2908,
0.3385

 27.9372, 0.2794,
0.3435


 127.6436, 0.2926,
0.3378

 18.2783, 0.2744,
0.3456


160.5581, 0.2941,
0.3371

 11.1500, 0.2676,
0.3486

198.6938, 0.2953,
0.3366

 6.1678, 0.2579,
0.3527

242.4353, 0.2964,
0.3361

 2.9474, 0.2430,
0.3591

292.1668, 0.2974,

 1.1043, 0.2126,

0.3357

0.3722

348.2729, 0.2983,
0.3353

0.0000, 0.0000,
0.0000

56.3842, 0.2863,
0.3405

56.3842, 0.2863,
0.3405

54.2047, 0.2754,
0.3466

58.9304, 0.2981,
0.3349

52.3675, 0.2657,
0.3530

61.8527, 0.3105,
0.3298

50.8560, 0.2574,
0.3599


65.1687, 0.3233,
0.3252


49.6493, 0.2508,
0.3670


68.8927, 0.3362,
0.3211

48.7243, 0.2461,
0.3742


70.9859, 0.3409,
0.3172


 48.0543, 0.2434,
0.3816


 71.2069, 0.3378,
0.3130

 47.6075, 0.2426,
0.3888

 71.4334, 0.3348,
0.3089

 47.3598, 0.2430,
0.3948

 71.6655, 0.3317,
0.3048

 71.9031, 0.3287,
0.3007

Harmonies

Analogous

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



56.3842, 0.3057, 0.3581



56.3842, 0.2863, 0.3405



56.3842, 0.2741, 0.3201

Triad

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



56.3842, 0.2863, 0.3405



56.3842, 0.2970, 0.2938



56.3842, 0.3553, 0.3530

Complementary

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



56.3842, 0.2863, 0.3405



42.0599, 0.3477, 0.3179

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.



56.3842, 0.3529, 0.3357



56.3842, 0.2863, 0.3405



56.3842, 0.3187, 0.3023

Square

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



56.3842, 0.2863, 0.3405



56.3842, 0.2801, 0.2939



56.3842, 0.3393, 0.3174



56.3842, 0.3458, 0.3648

Rectangle

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



56.3842, 0.2863, 0.3405



56.3842, 0.2714, 0.3082



56.3842, 0.3393, 0.3174



56.3842, 0.3558, 0.3476

Sweetspot

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



56.3865, 0.2863, 0.3405



96.5420, 0.3038, 0.3325



55.9804, 0.3172, 0.3878



20.6033, 0.3031, 0.3328



0.0000, 0.0000, 0.0000



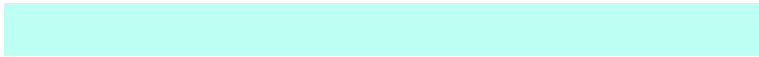
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3865, 0.2863, 0.3405



88.6936, 0.2812, 0.3432



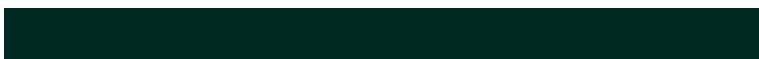
50.8887, 0.2795, 0.3125



13.3648, 0.3009, 0.3337



29.8528, 0.2427, 0.3938



1.6798, 0.2390, 0.3805

Inverse Universe

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



42.0599, 0.3477, 0.3179



61.7903, 0.3574, 0.3154



46.4470, 0.3531, 0.3450



11.8465, 0.3259, 0.3244



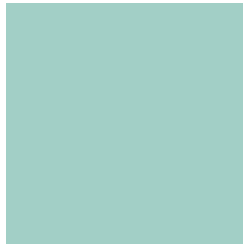
8.4718, 0.6059, 0.3111



0.4852, 0.5547, 0.2829

Previews

White Background



This preview shows how the Yxy color 56.3842, 0.2863, 0.3405 looks on a white background.

Color Contrast Check

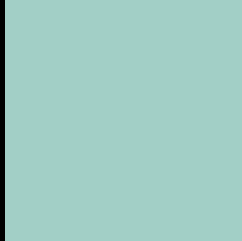
Large Text (above 18pt) WCAG AA × Fail

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 56.3842, 0.2863, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

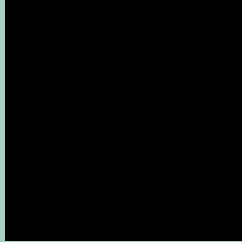
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

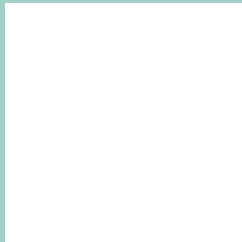
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3842, 0.2863, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 56.3842, 0.2863, 0.3405.



This preview shows how white text looks on a background with the Yxy color 56.3842, 0.2863, 0.3405.

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

56.3842, 0.2863, 0.3405

Protanopia

55.8422, 0.3205, 0.3338

Deuteranopia

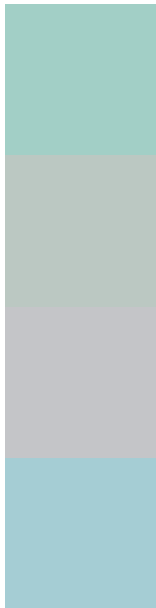
55.9257, 0.3247, 0.3175



Tritanopia

56.4600, 0.2750, 0.3091

Trichromacy



Original Color

56.3842, 0.2863, 0.3405

Protanomaly

55.7684, 0.3070, 0.3364

Deuteranomaly

55.8384, 0.3097, 0.3254

Tritanomaly

56.4154, 0.2794, 0.3201

Monochromacy



Original Color

56.3842, 0.2863, 0.3405

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.2734, 0.3025, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3842, 0.2863, 0.3405 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(162, 207, 198)` looks like.

```
.text, #text, p{  
    color:rgb(162, 207, 198)  
}
```

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(162, 207, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 207, 198) }
```

Border

The CSS property to change the border of an element to Yxy 56.3842, 0.2863, 0.3405 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(162, 207, 198) }
```

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

```
.border{ border-color:rgb(162, 207, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 207, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 207, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 207, 198);  
box-shadow:4px 4px 4px 4px rgb(162, 207,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3842, 0.2863, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 207, 198) }
```

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

```
.background{ background-color: rgb(162,  
207, 198) }
```

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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