

Converting Colors

$Y_{xy}(56.3807, 0.2915, 0.3315)$

Have a look what the booklet for
Yxy(56.3807, 0.2915, 0.3315)
contains.

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Color

Yxy(56.3342, 0.2912, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	ADCCCA
RGB	173, 204, 202
RGB Percent	68%, 80%, 79%
CMY	0.3213, 0.2001, 0.2078
CMYK	0.15, 0.00, 0.01, 0.20
HSL	176°, 23%, 74%
HSV	176°, 15%, 80%
XYZ	49.5007, 56.3342, 64.1537
YIQ	194.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

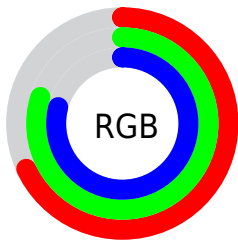
Format	Color
RYB	173, 189, 204
Decimal	11390154
CIELab	79.80, -10.67, -2.49
CIELCh	80, 10.954, 193.136
Yxy	56.3342, 0.2912, 0.3314
Android (android.graphics.Color)	4289580234 (0xFFADCCCA)
YUV	194.5030, 3.6960, -18.8581
Hunter-Lab	75.0561, -13.6247, 1.8616

Details

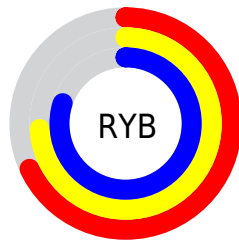
The Yxy color **56.3342, 0.2912, 0.3314** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8472, 0.3391, 0.3266**, and the grayscale version is **54.2569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **27.9439, 0.2854, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **54.1235, 0.2781, 0.3332**, and if you desaturate by 10%, it is **58.9052, 0.3052, 0.3298**.

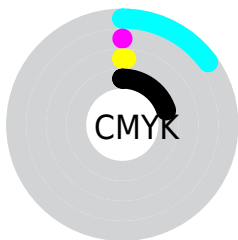
Distribution



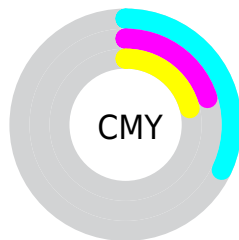
- Red (68%)
- Green (80%)
- Blue (79%)



- Red (68%)
- Yellow (74%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)




- Cyan (32%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3342, 0.2912, 0.3314 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 56.3342, 0.2912, 0.3314 by changing the saturation by 10% instead.


 56.3342, 0.2912,
0.3314

 56.3342, 0.2912,
0.3314

410.9498, 0.3016,
0.3303

 40.4709, 0.2887,
0.3316


 99.4930, 0.2949,
0.3310

 27.9059, 0.2856,
0.3319


127.5574, 0.2963,
0.3309

 18.2547, 0.2815,
0.3323


160.4576, 0.2975,
0.3308

 11.1330, 0.2760,
0.3328

198.5780, 0.2985,
0.3306

 6.1564, 0.2682,
0.3334

242.3030, 0.2994,
0.3305

 2.9404, 0.2562,
0.3342

292.0171, 0.3002,

 1.1007, 0.2349,

0.3305

348.1045, 0.3009,
0.3304

0.3353

0.0000, 0.0000,
0.0000

56.3342, 0.2912,
0.3314

56.3342, 0.2912,
0.3314

54.1235, 0.2781,
0.3332

58.9052, 0.3052,
0.3298

52.2500, 0.2662,
0.3350

61.8445, 0.3199,
0.3283

50.6987, 0.2557,
0.3370

65.1685, 0.3349,
0.3270

49.4509, 0.2469,
0.3391

68.8908, 0.3499,
0.3258

48.4859, 0.2400,
0.3412

69.0175, 0.3492,
0.3245

■ 47.7802, 0.2350,
0.3433

■ 69.0818, 0.3482,
0.3232

■ 47.3068, 0.2319,
0.3455

■ 69.1466, 0.3472,
0.3218

■ 47.0327, 0.2305,
0.3476

■ 69.2119, 0.3462,
0.3205

■ 46.9412, 0.2302,
0.3486

■ 69.2778, 0.3452,
0.3192

Harmonies

Analogous

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



56.3342, 0.3027, 0.3440



56.3342, 0.2912, 0.3314



56.3342, 0.2854, 0.3185

Triad

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



56.3342, 0.2912, 0.3314



56.3342, 0.3079, 0.3070



56.3342, 0.3392, 0.3488

Complementary

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



56.3342, 0.2912, 0.3314



45.8472, 0.3391, 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.



56.3342, 0.3408, 0.3385



56.3342, 0.2912, 0.3314



56.3342, 0.3225, 0.3147

Square

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



56.3342, 0.2912, 0.3314



56.3342, 0.2949, 0.3047



56.3342, 0.3346, 0.3261



56.3342, 0.3304, 0.3540

Rectangle

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



56.3342, 0.2912, 0.3314



56.3342, 0.2855, 0.3115



56.3342, 0.3346, 0.3261



56.3342, 0.3406, 0.3458

Sweetspot

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



56.3365, 0.2912, 0.3314



97.6094, 0.3054, 0.3298



55.3282, 0.3124, 0.3690



20.8232, 0.3043, 0.3299



0.0000, 0.0000, 0.0000



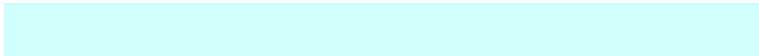
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3365, 0.2912, 0.3314



92.1234, 0.2870, 0.3319



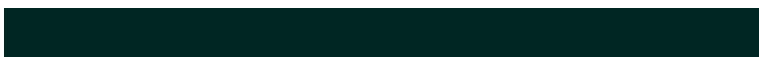
50.3346, 0.2893, 0.3119



12.7143, 0.2992, 0.3305



29.5555, 0.2301, 0.3483



1.5285, 0.2289, 0.3442

Inverse Universe

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



45.8472, 0.3391, 0.3266



71.6643, 0.3456, 0.3261



51.1708, 0.3384, 0.3456



11.2250, 0.3280, 0.3276



8.1031, 0.6325, 0.3258



0.4222, 0.6079, 0.3122

Previews

White Background



This preview shows how the Yxy color 56.3342, 0.2912, 0.3314 looks on a white background.

Color Contrast Check

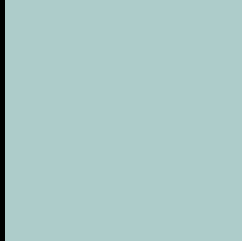
Large Text (above 18pt) WCAG AA × Fail

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 56.3342, 0.2912, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

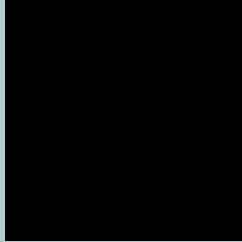
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

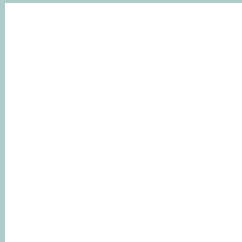
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3342, 0.2912, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 56.3342, 0.2912, 0.3314.

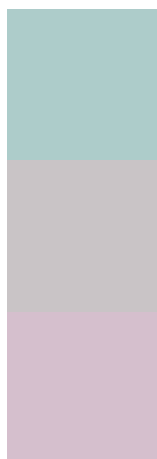


This preview shows how white text looks on a background with the Yxy color 56.3342, 0.2912, 0.3314.

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

56.3342, 0.2912, 0.3314

Protanopia

55.9746, 0.3152, 0.3266

Deuteranopia

55.8155, 0.3200, 0.3128



Tritanopia

56.5331, 0.2828, 0.3094

Trichromacy



Original Color

56.3342, 0.2912, 0.3314

Protanomaly

56.0467, 0.3065, 0.3290

Deuteranomaly

55.8453, 0.3084, 0.3194

Tritanomaly

56.5793, 0.2860, 0.3178

Monochromacy



Original Color

56.3342, 0.2912, 0.3314

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.0302, 0.3042, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3342, 0.2912, 0.3314 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(173, 204, 202)` looks like.

```
.text, #text, p{  
    color:rgb(173, 204, 202)  
}
```

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(173, 204, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 204, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.3342, 0.2912, 0.3314 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(173, 204, 202) }
```

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

```
.border{ border-color:rgb(173, 204, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 204, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 204, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 204, 202);  
box-shadow:4px 4px 4px 4px rgb(173, 204,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3342, 0.2912, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 204, 202) }
```

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

```
.background{ background-color: rgb(173,  
204, 202) }
```

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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