

Converting Colors

Yxy(56.5844, 0.2817, 0.3190)

Have a look what the booklet for
Yxy(56.5844, 0.2817, 0.3190)
contains.

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Color

Yxy(56.3742, 0.2820, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	A9CCD4
RGB	169, 204, 212
RGB Percent	66%, 80%, 83%
CMY	0.3370, 0.2001, 0.1686
CMYK	0.20, 0.04, 0.00, 0.17
HSL	191°, 33%, 75%
HSV	191°, 20%, 83%
XYZ	49.8511, 56.3742, 70.5517
YIQ	194.4470, -23.4280, -4.9320

Conversions

Conversions Part 2

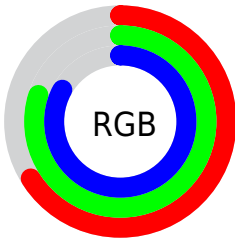
Format	Color
RYB	169, 188, 212
Decimal	11128020
CIELab	79.83, -9.82, -7.85
CIELCh	80, 12.570, 218.638
Yxy	56.3742, 0.2820, 0.3189
Android (android.graphics.Color)	4289318100 (0xFFA9CCD4)
YUV	194.4470, 8.6536, -22.3170
Hunter-Lab	75.0828, -12.8799, -3.1541

Details

The Yxy color **56.3742, 0.2820, 0.3189** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.3509, 0.3509, 0.3389**, and the grayscale version is **54.1942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **27.9600, 0.2744, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **52.3568, 0.2676, 0.3133**, and if you desaturate by 10%, it is **60.8245, 0.2970, 0.3241**.

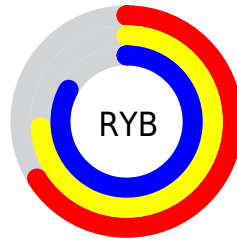
Distribution



Red (66%)

Green (80%)

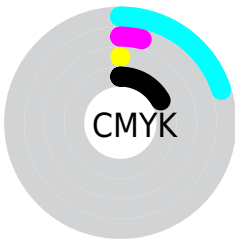
Blue (83%)



Red (66%)

Yellow (74%)

Blue (83%)

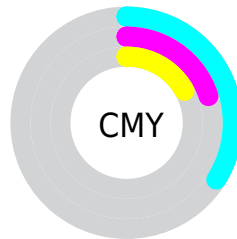


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (17%)



Cyan (34%)

Magenta (20%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3742, 0.2820, 0.3189 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 56.3742, 0.2820, 0.3189 by changing the saturation by 10% instead.


 56.3742, 0.2820,
0.3189

 56.3742, 0.2820,
0.3189


411.1002, 0.2967,
0.3240

 40.5030, 0.2785,
0.3176

 99.5515, 0.2872,
0.3207

 27.9310, 0.2741,
0.3160


127.6264, 0.2892,
0.3214

 18.2736, 0.2684,
0.3139


160.5380, 0.2909,
0.3220

 11.1466, 0.2608,
0.3109

198.6707, 0.2924,
0.3225

 6.1655, 0.2500,
0.3065

242.4088, 0.2937,
0.3229

 2.9460, 0.2337,
0.2995

292.1369, 0.2948,

 1.1036, 0.2061,

0.3233

0.2864

348.2392, 0.2958,
0.3237

0.0000, 0.0000,
0.0000

56.3742, 0.2820,
0.3189

56.3742, 0.2820,
0.3189

52.3568, 0.2676,
0.3133

60.8245, 0.2970,
0.3241

48.7467, 0.2542,
0.3072

65.7181, 0.3123,
0.3289

45.5261, 0.2421,
0.3009

71.0737, 0.3277,
0.3332

42.6728, 0.2315,
0.2943

76.9068, 0.3430,
0.3370

40.1624, 0.2227,
0.2875

79.2230, 0.3432,
0.3410

■ 37.9669, 0.2159,
0.2807

■ 81.3766, 0.3425,
0.3449

■ 36.0531, 0.2109,
0.2739

■ 83.5801, 0.3419,
0.3488

■ 34.4014, 0.2076,
0.2674

■ 85.8340, 0.3412,
0.3527

■ 88.1386, 0.3406,
0.3565

Harmonies

Analogous

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



56.3742, 0.2897, 0.3340



56.3742, 0.2820, 0.3189



56.3742, 0.2823, 0.3071

Triad

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



56.3742, 0.2820, 0.3189



56.3742, 0.3214, 0.3110



56.3742, 0.3350, 0.3573

Complementary

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



56.3742, 0.2820, 0.3189



48.3509, 0.3509, 0.3389

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.



56.3742, 0.3440, 0.3502



56.3742, 0.2820, 0.3189



56.3742, 0.3361, 0.3235

Square

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



56.3742, 0.2820, 0.3189



56.3742, 0.3047, 0.3030



56.3742, 0.3445, 0.3377



56.3742, 0.3201, 0.3567

Rectangle

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



56.3742, 0.2820, 0.3189



56.3742, 0.2870, 0.3026



56.3742, 0.3445, 0.3377



56.3742, 0.3388, 0.3557

Sweetspot

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



56.3765, 0.2820, 0.3189



95.4010, 0.3034, 0.3262



58.7105, 0.3049, 0.3741



20.3159, 0.3024, 0.3259



0.0000, 0.0000, 0.0000



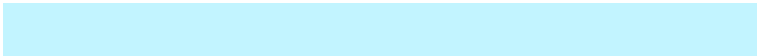
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3765, 0.2820, 0.3189



83.0976, 0.2762, 0.3167



46.9282, 0.2802, 0.2914



13.6946, 0.2983, 0.3245



21.3717, 0.2079, 0.2684



1.3935, 0.2111, 0.2800

Inverse Universe

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



46.7607, 0.3218, 0.2879



66.2593, 0.3239, 0.2796



57.4461, 0.3460, 0.3640



12.5910, 0.3166, 0.3102



10.5023, 0.3744, 0.1836



0.6440, 0.3635, 0.1776

Previews

White Background



This preview shows how the Yxy color 56.3742, 0.2820, 0.3189 looks on a white background.

Color Contrast Check

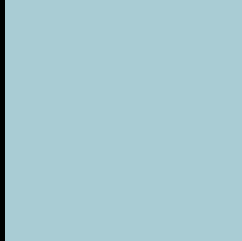
Large Text (above 18pt) WCAG AA × Fail

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 56.3742, 0.2820, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

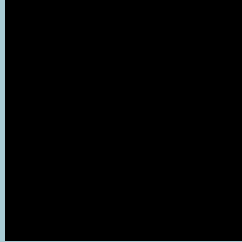
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

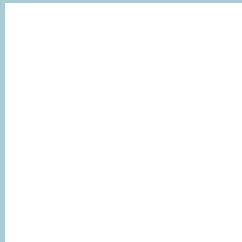
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3742, 0.2820, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 56.3742, 0.2820, 0.3189.

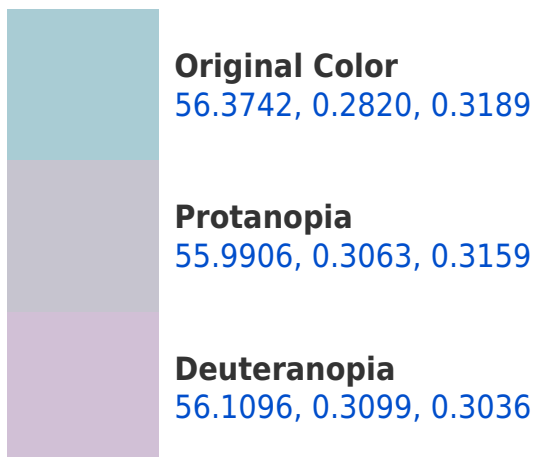


This preview shows how white text looks on a background with the Yxy color 56.3742, 0.2820, 0.3189.

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

56.3724, 0.2782, 0.3092

Trichromacy



Original Color

56.3742, 0.2820, 0.3189

Protanomaly

56.0151, 0.2965, 0.3168

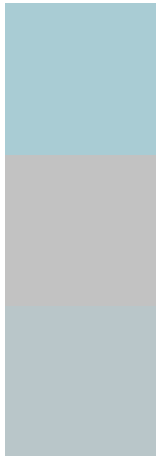
Deuteranomaly

55.7533, 0.2990, 0.3087

Tritanomaly

56.2158, 0.2801, 0.3128

Monochromacy



Original Color

56.3742, 0.2820, 0.3189

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.9195, 0.3005, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3742, 0.2820, 0.3189 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(169, 204, 212)` looks like.

```
.text, #text, p{  
    color:rgb(169, 204, 212)  
}
```

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(169, 204, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 204, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.3742, 0.2820, 0.3189 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(169, 204, 212) }
```

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

```
.border{ border-color:rgb(169, 204, 212) }
```

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

Here you see how a box with a 4 pixel rgb(169, 204, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 204, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 204, 212);  
box-shadow:4px 4px 4px 4px rgb(169, 204,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3742, 0.2820, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 204, 212) }
```

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

```
.background{ background-color: rgb(169,  
204, 212) }
```

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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