

Converting Colors

$Yxy(56.0837, 0.2859, 0.3172)$

Have a look what the booklet for
Yxy(56.0837, 0.2859, 0.3172)
contains.

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Color

Yxy(56.1085, 0.2860, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	AFCAD4
RGB	175, 202, 212
RGB Percent	69%, 79%, 83%
CMY	0.3136, 0.2078, 0.1687
CMYK	0.17, 0.05, 0.00, 0.17
HSL	196°, 30%, 76%
HSV	196°, 17%, 83%
XYZ	50.6855, 56.1085, 70.4280
YIQ	195.0670, -19.3020, -2.6140

Conversions

Conversions Part 2

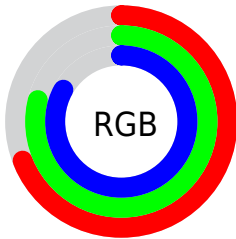
Format	Color
RYB	175, 191, 212
Decimal	11520724
CIELab	79.68, -6.93, -8.01
CIELCh	80, 10.590, 229.121
Yxy	56.1085, 0.2860, 0.3166
Android (android.graphics.Color)	4289710804 (0xFFAFCAD4)
YUV	195.0670, 8.3480, -17.5988
Hunter-Lab	74.9056, -10.3013, -3.3119

Details

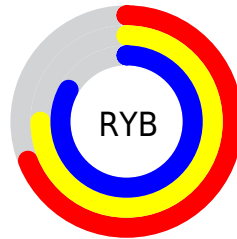
The Yxy color **56.1085, 0.2860, 0.3166** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.7898, 0.3440, 0.3411**, and the grayscale version is **54.5765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **27.7517, 0.2794, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **51.2108, 0.2710, 0.3085**, and if you desaturate by 10%, it is **61.4955, 0.3013, 0.3240**.

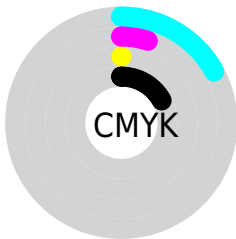
Distribution



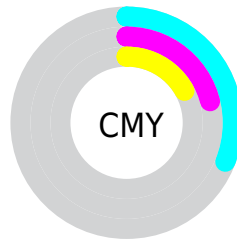
- Red (69%)
- Green (79%)
- Blue (83%)



- Red (69%)
- Yellow (75%)
- Blue (83%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (31%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1085, 0.2860, 0.3166 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 56.1085, 0.2860, 0.3166 by changing the saturation by 10% instead.

■ 56.1085, 0.2860,
0.3166

■ 56.1085, 0.2860,
0.3166

410.1003, 0.2988,
0.3227

■ 40.2899, 0.2829,
0.3151

■ 99.1632, 0.2906,
0.3188

■ 27.7647, 0.2791,
0.3132

127.1681, 0.2923,
0.3196

■ 18.1483, 0.2741,
0.3107

160.0039, 0.2938,
0.3203

■ 11.0565, 0.2674,
0.3072

198.0550, 0.2951,
0.3210

■ 6.1049, 0.2579,
0.3022

241.7058, 0.2962,
0.3215

■ 2.9090, 0.2435,
0.2942

291.3407, 0.2972,

■ 1.0844, 0.2189,

0.3220

0.2797

347.3440, 0.2981,
0.3224

0.0000, 0.0000,
0.0000

56.1085, 0.2860,
0.3166

56.1085, 0.2860,
0.3166

51.2108, 0.2710,
0.3085

61.4955, 0.3013,
0.3240

46.7765, 0.2566,
0.2999

67.3825, 0.3166,
0.3307

42.7874, 0.2432,
0.2906

73.7888, 0.3318,
0.3366

39.2213, 0.2311,
0.2809

79.8044, 0.3430,
0.3421

36.0539, 0.2206,
0.2709

82.9490, 0.3421,
0.3478

■ 33.2573, 0.2119,
0.2607

■ 86.1982, 0.3411,
0.3534

■ 30.7994, 0.2053,
0.2506

■ 89.5531, 0.3402,
0.3589

■ 28.6366, 0.2005,
0.2405

■ 93.0146, 0.3393,
0.3643

■ 28.1096, 0.1994,
0.2380

■ 96.5838, 0.3384,
0.3697

Harmonies

Analogous

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



56.1085, 0.2903, 0.3287



56.1085, 0.2860, 0.3166



56.1085, 0.2887, 0.3082

Triad

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



56.1085, 0.2860, 0.3166



56.1085, 0.3248, 0.3171



56.1085, 0.3275, 0.3535

Complementary

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



56.1085, 0.2860, 0.3166



51.7898, 0.3440, 0.3411

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.



56.1085, 0.3372, 0.3497



56.1085, 0.2860, 0.3166



56.1085, 0.3356, 0.3286

Square

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



56.1085, 0.2860, 0.3166



56.1085, 0.3109, 0.3088



56.1085, 0.3402, 0.3405



56.1085, 0.3141, 0.3505

Rectangle

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



56.1085, 0.2860, 0.3166



56.1085, 0.2941, 0.3057



56.1085, 0.3402, 0.3405



56.1085, 0.3314, 0.3529

Sweetspot

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



56.1108, 0.2860, 0.3166



95.4848, 0.3050, 0.3256



59.6895, 0.3040, 0.3631



20.3052, 0.3039, 0.3251



0.0000, 0.0000, 0.0000



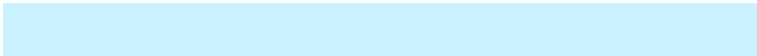
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1108, 0.2860, 0.3166



82.3398, 0.2803, 0.3136



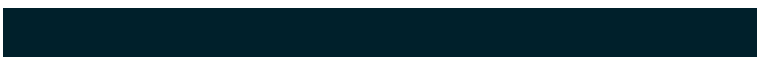
48.0060, 0.2848, 0.2932



13.5143, 0.2982, 0.3226



17.5316, 0.1998, 0.2394



1.1911, 0.2047, 0.2567

Inverse Universe

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



48.9296, 0.3229, 0.2973



69.5669, 0.3255, 0.2901



59.9690, 0.3404, 0.3624



12.5728, 0.3179, 0.3121



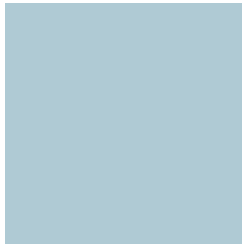
10.1147, 0.4029, 0.1993



0.6236, 0.3856, 0.1898

Previews

White Background



This preview shows how the Yxy color 56.1085, 0.2860, 0.3166 looks on a white background.

Color Contrast Check

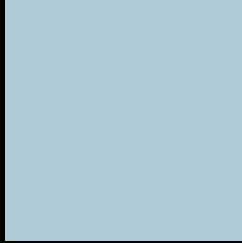
Large Text (above 18pt) WCAG AA × Fail

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 56.1085, 0.2860, 0.3166 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

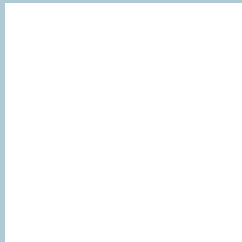
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1085, 0.2860, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 56.1085, 0.2860, 0.3166.



This preview shows how white text looks on a background with the Yxy color 56.1085, 0.2860, 0.3166.

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

56.1085, 0.2860, 0.3166

Protanopia

55.9042, 0.3048, 0.3147

Deuteranopia

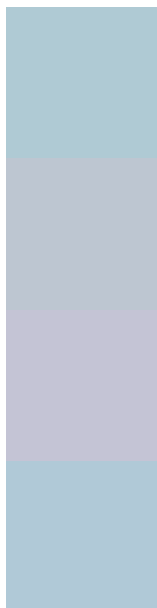
55.9642, 0.3091, 0.3035



Tritanopia

56.0131, 0.2834, 0.3093

Trichromacy



Original Color

56.1085, 0.2860, 0.3166

Protanomaly

55.8104, 0.2980, 0.3156

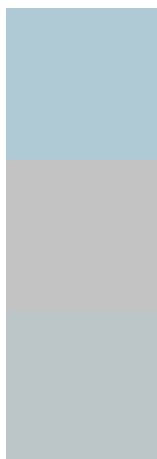
Deuteranomaly

56.0197, 0.3005, 0.3088

Tritanomaly

55.9097, 0.2847, 0.3117

Monochromacy



Original Color

56.1085, 0.2860, 0.3166

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2966, 0.3028, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1085, 0.2860, 0.3166 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(175, 202, 212)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 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(175, 202, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.1085, 0.2860, 0.3166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

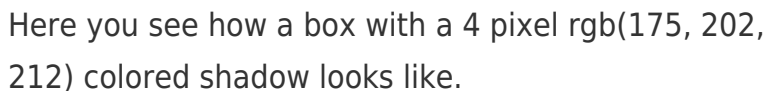
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 202, 212) }
```

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

```
.border{ border-color:rgb(175, 202, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 202, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 202, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 202, 212); box-shadow:4px 4px 4px 4px rgb(175, 202, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1085, 0.2860, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 212) }
```

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

```
.background{ background-color: rgb(175,  
202, 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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