

Converting Colors

$Yxy(55.7568, 0.2823, 0.3173)$

Have a look what the booklet for
Yxy(55.7568, 0.2823, 0.3173)
contains.

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Color

Yxy(56.0114, 0.2826, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	AACBD4
RGB	170, 203, 212
RGB Percent	67%, 80%, 83%
CMY	0.3332, 0.2039, 0.1686
CMYK	0.20, 0.04, 0.00, 0.17
HSL	193°, 33%, 75%
HSV	193°, 20%, 83%
XYZ	49.8232, 56.0114, 70.4682
YIQ	194.1590, -22.5570, -4.1970

Conversions

Conversions Part 2

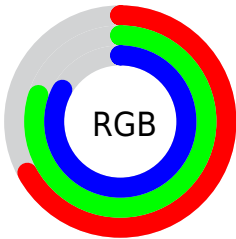
Format	Color
RYB	170, 188, 212
Decimal	11193300
CIELab	79.62, -9.01, -8.14
CIELCh	80, 12.136, 222.094
Yxy	56.0114, 0.2826, 0.3177
Android (android.graphics.Color)	4289383380 (0xFFAACBD4)
YUV	194.1590, 8.7956, -21.1874
Hunter-Lab	74.8408, -12.1399, -3.4375

Details

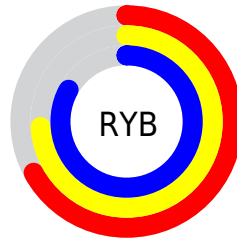
The Yxy color **56.0114, 0.2826, 0.3177** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1578, 0.3496, 0.3400**, and the grayscale version is **54.0100, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **27.7111, 0.2751, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **51.7211, 0.2680, 0.3112**, and if you desaturate by 10%, it is **60.7503, 0.2977, 0.3237**.

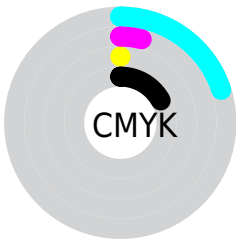
Distribution



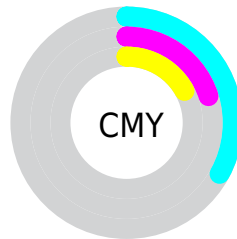
- Red (67%)
- Green (80%)
- Blue (83%)



- Red (67%)
- Yellow (74%)
- Blue (83%)



- Cyan (20%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (33%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0114, 0.2826, 0.3177 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 56.0114, 0.2826, 0.3177 by changing the saturation by 10% instead.

■ 56.0114, 0.2826,
0.3177

■ 56.0114, 0.2826,
0.3177

409.7345, 0.2971,
0.3233

■ 40.2121, 0.2792,
0.3163

■ 99.0212, 0.2877,
0.3197

■ 27.7039, 0.2748,
0.3145

127.0005, 0.2897,
0.3205

■ 18.1026, 0.2692,
0.3122

159.8086, 0.2914,
0.3212

■ 11.0237, 0.2617,
0.3089

197.8299, 0.2928,
0.3217

■ 6.0828, 0.2511,
0.3041

241.4487, 0.2941,
0.3222

■ 2.8955, 0.2350,
0.2964

291.0495, 0.2952,

■ 1.0774, 0.2076,

0.3226

0.2822

347.0166, 0.2962,
0.3230

0.0000, 0.0000,
0.0000

56.0114, 0.2826,
0.3177

56.0114, 0.2826,
0.3177

51.7211, 0.2680,
0.3112

60.7503, 0.2977,
0.3237

47.8537, 0.2544,
0.3043

65.9485, 0.3130,
0.3291

44.3914, 0.2418,
0.2969

71.6248, 0.3284,
0.3340

41.3119, 0.2308,
0.2893

77.7946, 0.3435,
0.3384

38.5907, 0.2215,
0.2815

80.2615, 0.3429,
0.3429

■ 36.1998, 0.2142,
0.2736

■ 82.7640, 0.3421,
0.3474

■ 34.1062, 0.2088,
0.2657

■ 85.3326, 0.3414,
0.3519

■ 32.2517, 0.2050,
0.2579

■ 87.9677, 0.3406,
0.3563

■ 32.2137, 0.2049,
0.2578

■ 90.6699, 0.3399,
0.3607

Harmonies

Analogous

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



56.0114, 0.2892, 0.3321



56.0114, 0.2826, 0.3177



56.0114, 0.2838, 0.3068

Triad

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



56.0114, 0.2826, 0.3177



56.0114, 0.3230, 0.3128



56.0114, 0.3328, 0.3567

Complementary

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



56.0114, 0.2826, 0.3177



49.1578, 0.3496, 0.3400

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.



56.0114, 0.3424, 0.3506



56.0114, 0.2826, 0.3177



56.0114, 0.3367, 0.3253

Square

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



56.0114, 0.2826, 0.3177



56.0114, 0.3068, 0.3044



56.0114, 0.3438, 0.3390



56.0114, 0.3180, 0.3552

Rectangle

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



56.0114, 0.2826, 0.3177



56.0114, 0.2889, 0.3030



56.0114, 0.3438, 0.3390



56.0114, 0.3368, 0.3555

Sweetspot

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



56.0137, 0.2826, 0.3177



95.1365, 0.3034, 0.3258



58.8671, 0.3046, 0.3720



20.2532, 0.3024, 0.3254



0.0000, 0.0000, 0.0000



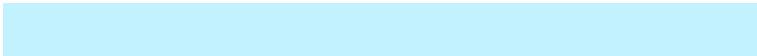
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0137, 0.2826, 0.3177



82.0904, 0.2760, 0.3149



47.0183, 0.2810, 0.2915



13.6346, 0.2982, 0.3239



20.0396, 0.2053, 0.2589



1.3239, 0.2090, 0.2723

Inverse Universe

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



47.0737, 0.3225, 0.2902



66.1577, 0.3251, 0.2812



57.9357, 0.3450, 0.3639



12.5850, 0.3170, 0.3109



10.3679, 0.3835, 0.1886



0.6370, 0.3706, 0.1815

Previews

White Background



This preview shows how the Yxy color 56.0114, 0.2826, 0.3177 looks on a white background.

Color Contrast Check

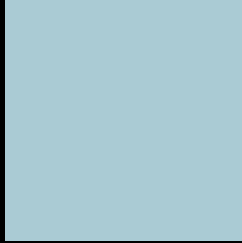
Large Text (above 18pt) WCAG AA × Fail

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 56.0114, 0.2826, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

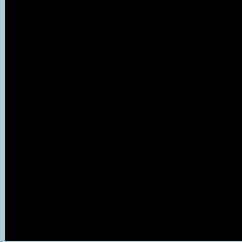
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

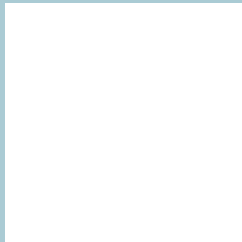
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0114, 0.2826, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 56.0114, 0.2826, 0.3177.



This preview shows how white text looks on a background with the Yxy color 56.0114, 0.2826, 0.3177.

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

56.0114, 0.2826, 0.3177

Protanopia

55.9042, 0.3048, 0.3147

Deuteranopia

55.5265, 0.3092, 0.3023



Tritanopia

55.9609, 0.2794, 0.3092

Trichromacy



Original Color

56.0114, 0.2826, 0.3177

Protanomaly

56.0151, 0.2965, 0.3168

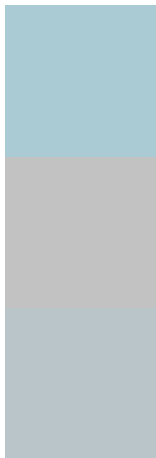
Deuteranomaly

55.3036, 0.2990, 0.3075

Tritanomaly

55.8569, 0.2806, 0.3116

Monochromacy



Original Color

56.0114, 0.2826, 0.3177

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4638, 0.3005, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0114, 0.2826, 0.3177 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(170, 203, 212)` looks like.

```
.text, #text, p{  
    color:rgb(170, 203, 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(170, 203, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 203, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.0114, 0.2826, 0.3177 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(170, 203, 212) }
```

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

```
.border{ border-color:rgb(170, 203, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 203, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 203, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 203, 212);  
box-shadow:4px 4px 4px 4px rgb(170, 203,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0114, 0.2826, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 203, 212) }
```

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

```
.background{ background-color: rgb(170,  
203, 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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