

Converting Colors

Yxy(56.0990, 0.2982, 0.3183)

Have a look what the booklet for
Yxy(56.0990, 0.2982, 0.3183)
contains.

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Color

Yxy(56.0923, 0.2979, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	BCC7D0
RGB	188, 199, 208
RGB Percent	74%, 78%, 82%
CMY	0.2628, 0.2196, 0.1842
CMYK	0.10, 0.04, 0.00, 0.18
HSL	207°, 18%, 78%
HSV	207°, 10%, 82%
XYZ	52.5468, 56.0923, 67.7517
YIQ	196.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

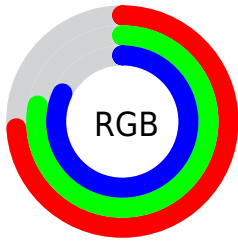
Format	Color
RYB	188, 195, 208
Decimal	12371920
CIELab	79.67, -1.99, -5.80
CIELCh	80, 6.135, 251.096
Yxy	56.0923, 0.2979, 0.3180
Android (android.graphics.Color)	4290562000 (0xFFBCC7D0)
YUV	196.7370, 5.5527, -7.6623
Hunter-Lab	74.8948, -5.8287, -1.2089

Details

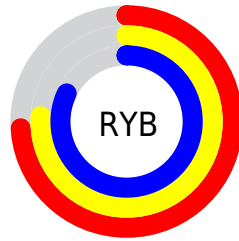
The Yxy color **56.0923, 0.2979, 0.3180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9798, 0.3283, 0.3398**, and the grayscale version is **55.6386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **27.7348, 0.2941, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **49.4631, 0.2821, 0.3053**, and if you desaturate by 10%, it is **63.3721, 0.3133, 0.3294**.

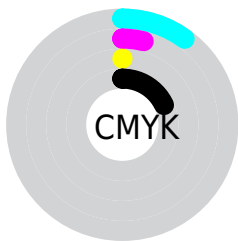
Distribution



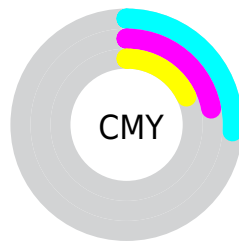
- Red (74%)
- Green (78%)
- Blue (82%)



- Red (74%)
- Yellow (76%)
- Blue (82%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0923, 0.2979, 0.3180 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 56.0923, 0.2979, 0.3180 by changing the saturation by 10% instead.

■ 56.0923, 0.2979,
0.3180

■ 56.0923, 0.2979,
0.3180

410.0392, 0.3051,
0.3234

■ 40.2769, 0.2962,
0.3167

■ 99.1395, 0.3004,
0.3199

■ 27.7545, 0.2940,
0.3151

127.1402, 0.3014,
0.3206

■ 18.1407, 0.2912,
0.3129

159.9713, 0.3022,
0.3213

■ 11.0511, 0.2874,
0.3100

198.0175, 0.3030,
0.3218

■ 6.1012, 0.2820,
0.3058

241.6629, 0.3036,
0.3223

■ 2.9067, 0.2736,
0.2993

291.2921, 0.3041,

■ 1.0832, 0.2590,

0.3227

0.2877

347.2894, 0.3046,
0.3230

0.0000, 0.0000,
0.0000

56.0923, 0.2979,
0.3180

56.0923, 0.2979,
0.3180

49.4631, 0.2821,
0.3053

63.3721, 0.3133,
0.3294

43.4567, 0.2661,
0.2914

71.3154, 0.3280,
0.3395

38.0530, 0.2503,
0.2762

79.9435, 0.3420,
0.3485

33.2283, 0.2350,
0.2600

86.0725, 0.3437,
0.3575

28.9568, 0.2207,
0.2430

91.6206, 0.3421,
0.3664

■ 25.2104, 0.2079,
0.2255

■ 97.3356, 0.3405,
0.3750

■ 21.9574, 0.1971,
0.2079

■ 19.1612, 0.1884,
0.1907

■ 16.7616, 0.1818,
0.1741

Harmonies

Analogous

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



56.0923, 0.2974, 0.3237



56.0923, 0.2979, 0.3180



56.0923, 0.3023, 0.3153

Triad

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



56.0923, 0.2979, 0.3180



56.0923, 0.3246, 0.3270



56.0923, 0.3158, 0.3422

Complementary

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



56.0923, 0.2979, 0.3180



56.9798, 0.3283, 0.3398

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.



56.0923, 0.3231, 0.3429



56.0923, 0.2979, 0.3180



56.0923, 0.3283, 0.3340

Square

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



56.0923, 0.2979, 0.3180



56.0923, 0.3177, 0.3205



56.0923, 0.3277, 0.3399



56.0923, 0.3076, 0.3377

Rectangle

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



56.0923, 0.2979, 0.3180



56.0923, 0.3069, 0.3156



56.0923, 0.3277, 0.3399



56.0923, 0.3184, 0.3428

Sweetspot

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



56.0947, 0.2979, 0.3180



96.4006, 0.3081, 0.3257



59.8477, 0.3054, 0.3424



20.4313, 0.3069, 0.3248



0.0000, 0.0000, 0.0000



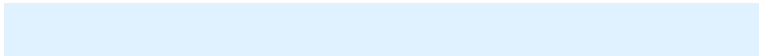
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0947, 0.2979, 0.3180



86.1763, 0.2940, 0.3150



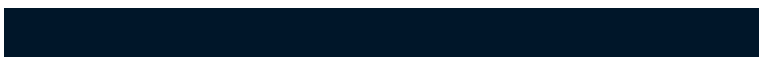
51.6326, 0.2978, 0.3056



12.4799, 0.2983, 0.3183



10.5879, 0.1822, 0.1758



0.7493, 0.1907, 0.2065

Inverse Universe

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



53.4967, 0.3208, 0.3160



81.1510, 0.3231, 0.3125



61.6845, 0.3271, 0.3514



11.9155, 0.3206, 0.3163



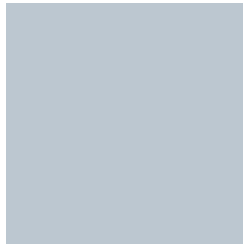
9.1401, 0.4735, 0.2382



0.5269, 0.4380, 0.2187

Previews

White Background



This preview shows how the Yxy color 56.0923, 0.2979, 0.3180 looks on a white background.

Color Contrast Check

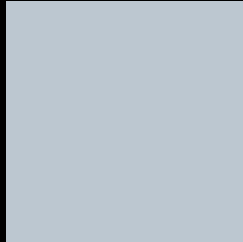
Large Text (above 18pt) WCAG AA × Fail

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 56.0923, 0.2979, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

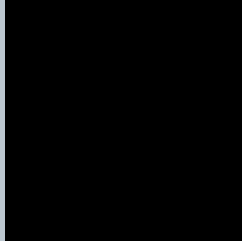
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

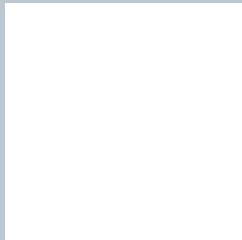
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0923, 0.2979, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 56.0923, 0.2979, 0.3180.



This preview shows how white text looks on a background with the Yxy color 56.0923, 0.2979, 0.3180.

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

56.0923, 0.2979, 0.3180

Protanopia

55.9419, 0.3070, 0.3170

Deuteranopia

55.7636, 0.3146, 0.3070



Tritanopia

56.0620, 0.2946, 0.3097

Trichromacy



Original Color

56.0923, 0.2979, 0.3180

Protanomaly

55.9068, 0.3032, 0.3170

Deuteranomaly

55.8835, 0.3088, 0.3113

Tritanomaly

55.9604, 0.2959, 0.3121

Monochromacy



Original Color

56.0923, 0.2979, 0.3180

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0745, 0.3074, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0923, 0.2979, 0.3180 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(188, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 208)  
}
```

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(188, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 208) }
```

Border

The CSS property to change the border of an element to Yxy 56.0923, 0.2979, 0.3180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

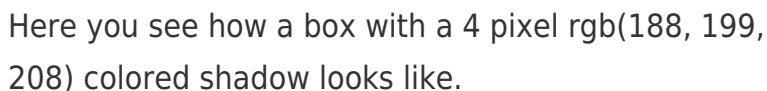
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 199, 208) }
```

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

```
.border{ border-color:rgb(188, 199, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 199, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 199, 208); box-shadow:4px 4px 4px 4px rgb(188, 199, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0923, 0.2979, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 199, 208) }
```

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

```
.background{ background-color: rgb(188,  
199, 208) }
```

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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