

Converting Colors

Yxy(56.3856, 0.2883, 0.3084)

Have a look what the booklet for
Yxy(56.3856, 0.2883, 0.3084)
contains.

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Color

Yxy(56.3856, 0.2883, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	B7C8D9
RGB	183, 200, 217
RGB Percent	72%, 78%, 85%
CMY	0.2822, 0.2157, 0.1491
CMYK	0.16, 0.08, 0.00, 0.15
HSL	210°, 31%, 78%
HSV	210°, 16%, 85%
XYZ	52.7107, 56.3856, 73.7364
YIQ	196.8550, -15.5890, 1.6830

Conversions

Conversions Part 2

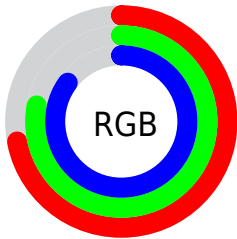
Format	Color
RYB	183, 194, 217
Decimal	12044505
CIELab	79.83, -2.28, -10.40
CIELCh	80, 10.650, 257.644
Yxy	56.3856, 0.2883, 0.3084
Android (android.graphics.Color)	4290234585 (0xFFB7C8D9)
YUV	196.8550, 9.9315, -12.1508
Hunter-Lab	75.0903, -6.1077, -5.6577

Details

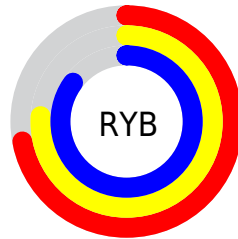
The Yxy color **56.3856, 0.2883, 0.3084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4853, 0.3390, 0.3488**, and the grayscale version is **55.6926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **27.9122, 0.2823, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **49.0776, 0.2721, 0.2934**, and if you desaturate by 10%, it is **64.4654, 0.3041, 0.3220**.

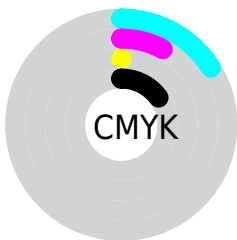
Distribution



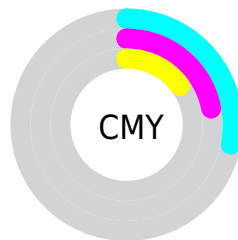
- Red (72%)
- Green (78%)
- Blue (85%)



- Red (72%)
- Yellow (76%)
- Blue (85%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3856, 0.2883, 0.3084 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 56.3856, 0.2883, 0.3084 by changing the saturation by 10% instead.

■ 56.3856, 0.2883,
0.3084

■ 56.3856, 0.2883,
0.3084

411.1431, 0.3000,
0.3184

■ 40.5122, 0.2855,
0.3060

■ 99.5681, 0.2925,
0.3120

■ 27.9381, 0.2820,
0.3030

127.6460, 0.2941,
0.3133

■ 18.2790, 0.2774,
0.2990

160.5609, 0.2954,
0.3145

■ 11.1505, 0.2713,
0.2937

198.6971, 0.2966,
0.3155

■ 6.1681, 0.2626,
0.2860

242.4390, 0.2976,
0.3163

■ 2.9476, 0.2493,
0.2743

292.1710, 0.2985,

■ 1.1044, 0.2269,

0.3171

0.2540

348.2776, 0.2993,
0.3178

0.0000, 0.0000,
0.0000

56.3856, 0.2883,
0.3084

56.3856, 0.2883,
0.3084

49.0776, 0.2721,
0.2934

64.4654, 0.3041,
0.3220

42.5084, 0.2557,
0.2769

73.3348, 0.3192,
0.3341

36.6526, 0.2395,
0.2591

83.0194, 0.3335,
0.3449

31.4802, 0.2241,
0.2403

90.6203, 0.3368,
0.3552

26.9589, 0.2099,
0.2209

97.3256, 0.3353,
0.3654

■ 23.0527, 0.1975,
0.2012

■ 97.7887, 0.3352,
0.3661

■ 19.7210, 0.1873,
0.1819

■ 16.9154, 0.1795,
0.1636

■ 15.8249, 0.1767,
0.1559

Harmonies

Analogous

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



56.3856, 0.2859, 0.3171



56.3856, 0.2883, 0.3084



56.3856, 0.2971, 0.3053

Triad

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



56.3856, 0.2883, 0.3084



56.3856, 0.3353, 0.3280



56.3856, 0.3148, 0.3508

Complementary

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



56.3856, 0.2883, 0.3084



59.4853, 0.3390, 0.3488

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.



56.3856, 0.3282, 0.3535



56.3856, 0.2883, 0.3084



56.3856, 0.3403, 0.3400

Square

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



56.3856, 0.2883, 0.3084



56.3856, 0.3242, 0.3166



56.3856, 0.3376, 0.3494



56.3856, 0.3010, 0.3419

Rectangle

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



56.3856, 0.2883, 0.3084



56.3856, 0.3055, 0.3067



56.3856, 0.3376, 0.3494



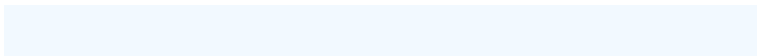
56.3856, 0.3195, 0.3525

Sweetspot

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



56.3879, 0.2883, 0.3084



93.6591, 0.3050, 0.3227



63.8574, 0.2998, 0.3495



19.8612, 0.3039, 0.3218



0.0000, 0.0000, 0.0000



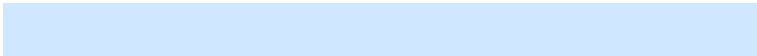
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3879, 0.2883, 0.3084



77.4392, 0.2826, 0.3033



48.9616, 0.2875, 0.2872



13.6869, 0.2982, 0.3170



9.7929, 0.1774, 0.1584



0.8068, 0.1856, 0.1880

Inverse Universe

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



52.8000, 0.3280, 0.3094



71.4240, 0.3321, 0.3048



67.7844, 0.3361, 0.3676



13.1595, 0.3214, 0.3174



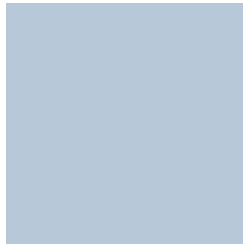
9.6124, 0.4951, 0.2501



0.6401, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 56.3856, 0.2883, 0.3084 looks on a white background.

Color Contrast Check

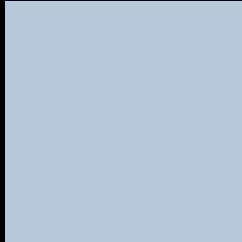
Large Text (above 18pt) WCAG AA × Fail

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 56.3856, 0.2883, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

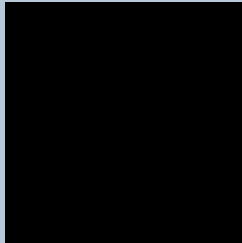
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

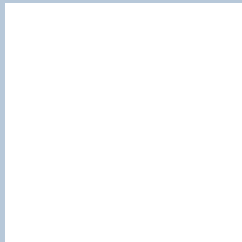
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3856, 0.2883, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 56.3856, 0.2883, 0.3084.



This preview shows how white text looks on a background with the Yxy color 56.3856, 0.2883, 0.3084.

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

56.3856, 0.2883, 0.3084

Protanopia

56.1219, 0.2991, 0.3065

Deuteranopia

56.0791, 0.3047, 0.2979



Tritanopia

56.3337, 0.2889, 0.3096

Trichromacy



Original Color

56.3856, 0.2883, 0.3084

Protanomaly

55.9667, 0.2947, 0.3063

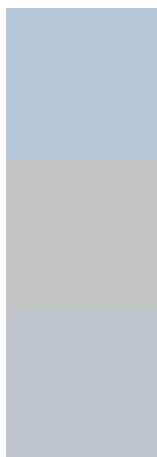
Deuteranomaly

56.0979, 0.2985, 0.3019

Tritanomaly

56.3337, 0.2889, 0.3096

Monochromacy



Original Color

56.3856, 0.2883, 0.3084

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9543, 0.3038, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3856, 0.2883, 0.3084 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(183, 200, 217)` looks like.

```
.text, #text, p{  
    color:rgb(183, 200, 217)  
}
```

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(183, 200, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 200, 217) }
```

Border

The CSS property to change the border of an element to Yxy 56.3856, 0.2883, 0.3084 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(183, 200, 217) }
```

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

```
.border{ border-color:rgb(183, 200, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 200, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 200, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 200, 217);  
box-shadow:4px 4px 4px 4px rgb(183, 200,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3856, 0.2883, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 200, 217) }
```

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

```
.background{ background-color: rgb(183,  
200, 217) }
```

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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