

Converting Colors

Yxy(56.9652, 0.2848, 0.2883)

Have a look what the booklet for
Yxy(56.9652, 0.2848, 0.2883)
contains.

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Color

Yxy(56.9652, 0.2848, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	C0C5E8
RGB	192, 197, 232
RGB Percent	75%, 77%, 91%
CMY	0.2469, 0.2275, 0.0903
CMYK	0.17, 0.15, 0.00, 0.09
HSL	233°, 46%, 83%
HSV	233°, 17%, 91%
XYZ	56.2736, 56.9652, 84.3512
YIQ	199.4950, -14.2150, 9.8250

Conversions

Conversions Part 2

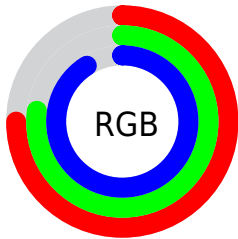
Format	Color
R_{YB}	192, 196, 232
Decimal	12633576
CIE Lab	80.16, 5.37, -17.89
CIE LCh	80, 18.679, 286.693
Yxy	56.9652, 0.2848, 0.2883
Android (android.graphics.Color)	4290823656 (0xFFC0C5E8)
YUV	199.4950, 16.0250, -6.5731
Hunter-Lab	75.4753, 1.0061, -13.4298

Details

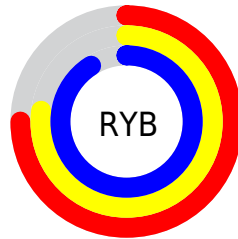
The Yxy color **56.9652, 0.2848, 0.2883** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.9043, 0.3394, 0.3667**, and the grayscale version is **57.3426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2434, 0.3091, 0.3280**, and **28.1828, 0.2776, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **45.5603, 0.2663, 0.2607**, and if you desaturate by 10%, it is **70.0956, 0.3016, 0.3130**.

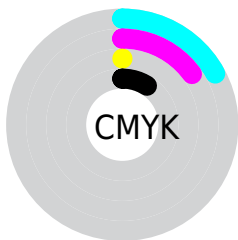
Distribution



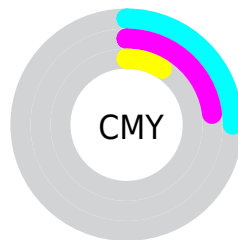
- Red (75%)
- Green (77%)
- Blue (91%)



- Red (75%)
- Yellow (77%)
- Blue (91%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (25%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9652, 0.2848, 0.2883 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 56.9652, 0.2848, 0.2883 by changing the saturation by 10% instead.

■ 56.9652, 0.2848,
0.2883

■ 56.9652, 0.2848,
0.2883

■ 413.3189, 0.2983,
0.3076

■ 40.9773, 0.2816,
0.2838

■ 100.4144, 0.2896,
0.2951

■ 28.3013, 0.2776,
0.2782

■ 128.6445, 0.2914,
0.2977

■ 18.5529, 0.2723,
0.2709

■ 161.7241, 0.2930,
0.2999

■ 11.3477, 0.2653,
0.2614

■ 200.0377, 0.2943,
0.3019

■ 6.3012, 0.2554,
0.2481

■ 243.9695, 0.2955,
0.3036

■ 3.0291, 0.2406,
0.2287

■ 293.9041, 0.2965,

■ 1.1469, 0.2160,

0.3051

0.1977

350.2257, 0.2975,
0.3064

0.0177, 0.1006,
0.0121

0.0000, 0.0000,
0.0000

56.9652, 0.2848,
0.2883

56.9652, 0.2848,
0.2883

45.5603, 0.2663,
0.2607

70.0956, 0.3016,
0.3130

35.8021, 0.2466,
0.2305

85.0118, 0.3167,
0.3348

27.6162, 0.2262,
0.1986

98.6046, 0.3262,
0.3513

20.9197, 0.2062,
0.1662

■ 15.6220, 0.1877,
0.1353

■ 11.6225, 0.1721,
0.1079

■ 8.8068, 0.1606,
0.0860

■ 7.0368, 0.1536,
0.0710

■ 6.6935, 0.1522,
0.0679

Harmonies

Analogous

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



56.9652, 0.2702, 0.2934



56.9652, 0.2848, 0.2883



56.9652, 0.3072, 0.2934

Triad

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



56.9652, 0.2848, 0.2883



56.9652, 0.3611, 0.3468



56.9652, 0.2928, 0.3525

Complementary

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



56.9652, 0.2848, 0.2883



75.9043, 0.3394, 0.3667

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.



56.9652, 0.3167, 0.3683



56.9652, 0.2848, 0.2883



56.9652, 0.3566, 0.3638

Square

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



56.9652, 0.2848, 0.2883



56.9652, 0.3520, 0.3262



56.9652, 0.3402, 0.3722



56.9652, 0.2747, 0.3300

Rectangle

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



56.9652, 0.2848, 0.2883



56.9652, 0.3239, 0.3017



56.9652, 0.3402, 0.3722



56.9652, 0.3004, 0.3588

Sweetspot

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



56.9675, 0.2848, 0.2883



90.7424, 0.3051, 0.3180



74.4354, 0.2898, 0.3349



19.1539, 0.3040, 0.3164



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.



56.9675, 0.2848, 0.2883



64.8597, 0.2778, 0.2779



56.7609, 0.2953, 0.2838



14.1740, 0.2980, 0.3077



3.8145, 0.1527, 0.0695



0.3765, 0.1582, 0.0894

Inverse Universe

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



58.8989, 0.3418, 0.3236



67.8023, 0.3500, 0.3223



76.3070, 0.3281, 0.3732



14.3970, 0.3273, 0.3261



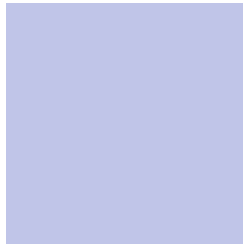
9.5828, 0.6240, 0.3211



0.7177, 0.5921, 0.3036

Previews

White Background



This preview shows how the Yxy color 56.9652, 0.2848, 0.2883 looks on a white background.

Color Contrast Check

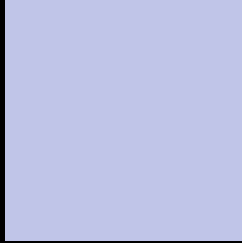
Large Text (above 18pt) WCAG AA × Fail

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 56.9652, 0.2848, 0.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

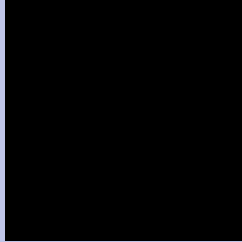
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.9652, 0.2848, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 56.9652, 0.2848, 0.2883.



This preview shows how white text looks on a background with the Yxy color 56.9652, 0.2848, 0.2883.

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

56.9652, 0.2848, 0.2883

Protanopia

56.9652, 0.2848, 0.2883

Deuteranopia

57.0233, 0.2912, 0.2845



Tritanopia

57.0852, 0.2933, 0.3098

Trichromacy



Original Color

56.9652, 0.2848, 0.2883

Protanomaly

56.9652, 0.2848, 0.2883

Deuteranomaly

56.9192, 0.2883, 0.2853

Tritanomaly

57.0679, 0.2900, 0.3017

Monochromacy



Original Color

56.9652, 0.2848, 0.2883

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4706, 0.3019, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9652, 0.2848, 0.2883 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(192, 197, 232)` looks like.

```
.text, #text, p{  
    color:rgb(192, 197, 232)  
}
```

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(192, 197, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 197, 232) }
```

Border

The CSS property to change the border of an element to Yxy 56.9652, 0.2848, 0.2883 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(192, 197, 232) }
```

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

```
.border{ border-color:rgb(192, 197, 232) }
```

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

Here you see how a box with a 4 pixel rgb(192, 197, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 197, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 197, 232);  
box-shadow:4px 4px 4px 4px rgb(192, 197,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9652, 0.2848, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 197, 232) }
```

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

```
.background{ background-color: rgb(192,  
197, 232) }
```

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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