

Converting Colors

Yxy(56.6946, 0.2980, 0.3131)

Have a look what the booklet for
Yxy(56.6946, 0.2980, 0.3131)
contains.

Yxy(56.8068, 0.2982, 0.3134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.8068, 0.2982, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	C0C7D4
RGB	192, 199, 212
RGB Percent	75%, 78%, 83%
CMY	0.2469, 0.2196, 0.1686
CMYK	0.09, 0.06, 0.00, 0.17
HSL	219°, 19%, 79%
HSV	219°, 9%, 83%
XYZ	54.0517, 56.8068, 70.4013
YIQ	198.3890, -8.3450, 2.5590

Conversions

Conversions Part 2

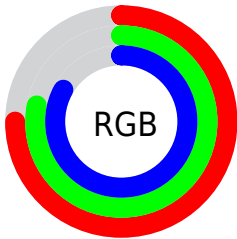
Format	Color
R_{YB}	192, 197, 212
Decimal	12634068
CIE Lab	80.07, 0.15, -7.30
CIE LCh	80, 7.305, 271.172
Yxy	56.8068, 0.2982, 0.3134
Android (android.graphics.Color)	4290824148 (0xFFC0C7D4)
YUV	198.3890, 6.7102, -5.6032
Hunter-Lab	75.3703, -3.8871, -2.6219

Details

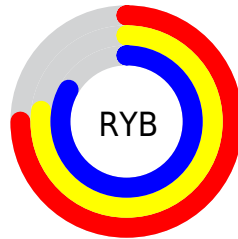
The Yxy color **56.8068, 0.2982, 0.3134** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4862, 0.3275, 0.3441**, and the grayscale version is **56.6874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **28.0884, 0.2943, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **48.1683, 0.2818, 0.2949**, and if you desaturate by 10%, it is **66.4255, 0.3136, 0.3299**.

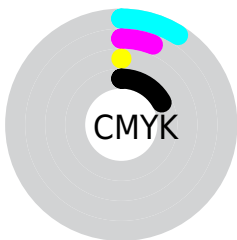
Distribution



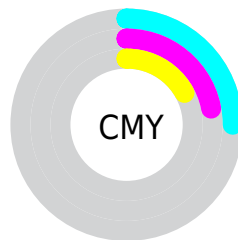
- Red (75%)
- Green (78%)
- Blue (83%)



- Red (75%)
- Yellow (77%)
- Blue (83%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8068, 0.2982, 0.3134 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 56.8068, 0.2982, 0.3134 by changing the saturation by 10% instead.

■ 56.8068, 0.2982,
0.3134

■ 56.8068, 0.2982,
0.3134

412.7250, 0.3052,
0.3209

■ 40.8501, 0.2965,
0.3116

■ 100.1832, 0.3007,
0.3161

■ 28.2020, 0.2944,
0.3093

128.3718, 0.3016,
0.3171

■ 18.4780, 0.2917,
0.3064

161.4065, 0.3025,
0.3180

■ 11.2937, 0.2879,
0.3024

199.6716, 0.3032,
0.3187

■ 6.2647, 0.2827,
0.2967

243.5516, 0.3038,
0.3194

■ 3.0067, 0.2745,
0.2880

293.4309, 0.3043,

■ 1.1352, 0.2604,

0.3200

0.2729

349.6939, 0.3048,
0.3205

0.0078, 0.0206,
0.0146

0.0000, 0.0000,
0.0000

56.8068, 0.2982,
0.3134

56.8068, 0.2982,
0.3134

48.1683, 0.2818,
0.2949

66.4255, 0.3136,
0.3299

40.4705, 0.2645,
0.2743

77.0478, 0.3278,
0.3445

33.6819, 0.2468,
0.2519

88.5845, 0.3405,
0.3573

27.7660, 0.2291,
0.2279

97.0468, 0.3383,
0.3704

■ 22.6839, 0.2120,
0.2029

■ 97.5334, 0.3382,
0.3711

■ 18.3932, 0.1963,
0.1778

■ 14.8473, 0.1828,
0.1534

■ 11.9929, 0.1722,
0.1310

■ 9.7533, 0.1644,
0.1114

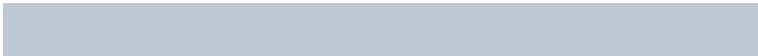
Harmonies

Analogous

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



56.8068, 0.2944, 0.3178



56.8068, 0.2982, 0.3134



56.8068, 0.3058, 0.3131

Triad

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



56.8068, 0.2982, 0.3134



56.8068, 0.3303, 0.3322



56.8068, 0.3098, 0.3415

Complementary

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



56.8068, 0.2982, 0.3134



61.4862, 0.3275, 0.3441

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.



56.8068, 0.3194, 0.3454



56.8068, 0.2982, 0.3134



56.8068, 0.3313, 0.3399

Square

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



56.8068, 0.2982, 0.3134



56.8068, 0.3244, 0.3239



56.8068, 0.3273, 0.3448



56.8068, 0.3011, 0.3341

Rectangle

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



56.8068, 0.2982, 0.3134



56.8068, 0.3122, 0.3153



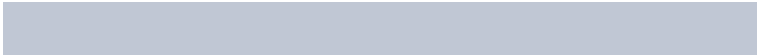
56.8068, 0.3273, 0.3448



56.8068, 0.3130, 0.3433

Sweetspot

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



56.8092, 0.2982, 0.3134



95.4393, 0.3081, 0.3242



62.7057, 0.3029, 0.3373



20.1721, 0.3069, 0.3229



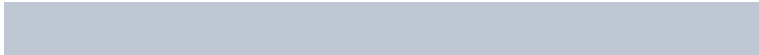
0.0000, 0.0000, 0.0000



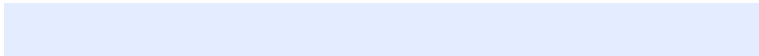
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8092, 0.2982, 0.3134



83.9534, 0.2955, 0.3104



54.0752, 0.3005, 0.3051



12.7096, 0.2982, 0.3134



6.1196, 0.1647, 0.1129



0.5218, 0.1745, 0.1481

Inverse Universe

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



55.8356, 0.3237, 0.3209



82.2693, 0.3259, 0.3194



64.4494, 0.3243, 0.3522



12.4916, 0.3237, 0.3209



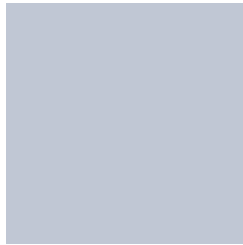
8.9626, 0.5568, 0.2841



0.5560, 0.5085, 0.2575

Previews

White Background



This preview shows how the Yxy color 56.8068, 0.2982, 0.3134 looks on a white background.

Color Contrast Check

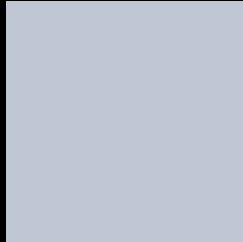
Large Text (above 18pt) WCAG AA × Fail

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 56.8068, 0.2982, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

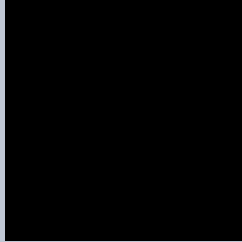
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

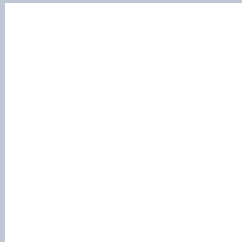
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8068, 0.2982, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 56.8068, 0.2982, 0.3134.

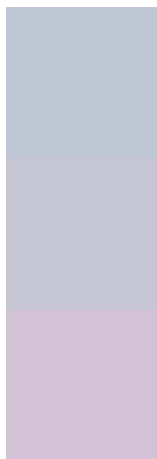


This preview shows how white text looks on a background with the Yxy color 56.8068, 0.2982, 0.3134.

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

56.8068, 0.2982, 0.3134

Protanopia

56.6414, 0.3034, 0.3124

Deuteranopia

56.7929, 0.3122, 0.3060



Tritanopia

56.9084, 0.2968, 0.3111

Trichromacy



Original Color

56.8068, 0.2982, 0.3134

Protanomaly

56.8271, 0.3019, 0.3135

Deuteranomaly

56.6717, 0.3066, 0.3080

Tritanomaly

56.8574, 0.2975, 0.3122

Monochromacy



Original Color

56.8068, 0.2982, 0.3134

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4357, 0.3075, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8068, 0.2982, 0.3134 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, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(192, 199, 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(192, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 199, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.8068, 0.2982, 0.3134 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, 199, 212) }
```

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

```
.border{ border-color:rgb(192, 199, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(192, 199,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8068, 0.2982, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 199, 212) }
```

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

```
.background{ background-color: rgb(192,  
199, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor