

Converting Colors

Yxy(56.6596, 0.3000, 0.3095)

Have a look what the booklet for
Yxy(56.6596, 0.3000, 0.3095)
contains.

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Color

Yxy(56.5233, 0.2998, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	C4C5D6
RGB	196, 197, 214
RGB Percent	77%, 77%, 84%
CMY	0.2312, 0.2275, 0.1607
CMYK	0.08, 0.08, 0.00, 0.16
HSL	237°, 18%, 80%
HSV	237°, 8%, 84%
XYZ	54.8759, 56.5233, 71.6426
YIQ	198.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

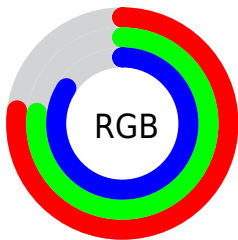
Format	Color
R _Y B	196, 197, 214
Decimal	12895702
CIE Lab	79.91, 2.93, -8.59
CIE LCh	80, 9.078, 288.861
Yxy	56.5233, 0.2998, 0.3088
Android (android.graphics.Color)	4291085782 (0xFFC4C5D6)
YUV	198.6390, 7.5730, -2.3144
Hunter-Lab	75.1820, -1.2799, -3.8714

Details

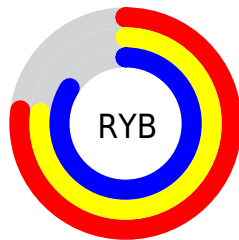
The Yxy color **56.5233, 0.2998, 0.3088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8987, 0.3252, 0.3484**, and the grayscale version is **56.8412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9863, 0.3115, 0.3280**, and **27.8989, 0.2964, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **45.2673, 0.2827, 0.2818**, and if you desaturate by 10%, it is **69.4296, 0.3150, 0.3326**.

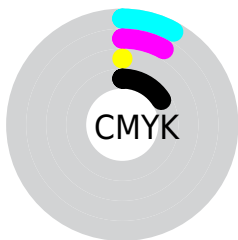
Distribution



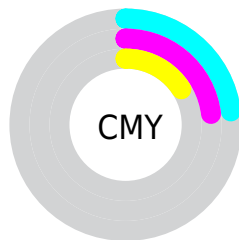
- Red (77%)
- Green (77%)
- Blue (84%)



- Red (77%)
- Yellow (77%)
- Blue (84%)



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



- Cyan (23%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5233, 0.2998, 0.3088 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 56.5233, 0.2998, 0.3088 by changing the saturation by 10% instead.

■ 56.5233, 0.2998,
0.3088

■ 56.5233, 0.2998,
0.3088

411.6606, 0.3061,
0.3185

■ 40.6226, 0.2983,
0.3065

■ 99.7693, 0.3020,
0.3122

■ 28.0243, 0.2964,
0.3036

127.8834, 0.3029,
0.3136

■ 18.3440, 0.2939,
0.2998

160.8375, 0.3036,
0.3147

■ 11.1972, 0.2905,
0.2948

199.0158, 0.3042,
0.3157

■ 6.1997, 0.2857,
0.2876

242.8030, 0.3048,
0.3165

■ 2.9669, 0.2783,
0.2767

292.5832, 0.3053,

■ 1.1145, 0.2653,

0.3172

0.2582

348.7410, 0.3057,
0.3179

0.0000, 0.0955,
0.0000

0.0000, 0.0000,
0.0000

56.5233, 0.2998,
0.3088

56.5233, 0.2998,
0.3088

45.2673, 0.2827,
0.2818

69.4296, 0.3150,
0.3326

35.5884, 0.2637,
0.2517

84.0415, 0.3284,
0.3533

27.4181, 0.2433,
0.2190

97.6356, 0.3369,
0.3691

20.6806, 0.2223,
0.1849

■ 15.2930, 0.2017,
0.1511

■ 11.1643, 0.1831,
0.1199

■ 8.1922, 0.1679,
0.0939

■ 6.2582, 0.1572,
0.0749

■ 5.2102, 0.1514,
0.0639

Harmonies

Analogous

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



56.5233, 0.2921, 0.3113



56.5233, 0.2998, 0.3088



56.5233, 0.3111, 0.3116

Triad

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



56.5233, 0.2998, 0.3088



56.5233, 0.3362, 0.3388



56.5233, 0.3023, 0.3396

Complementary

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



56.5233, 0.2998, 0.3088



65.8987, 0.3252, 0.3484

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.



56.5233, 0.3140, 0.3473



56.5233, 0.2998, 0.3088



56.5233, 0.3337, 0.3466

Square

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



56.5233, 0.2998, 0.3088



56.5233, 0.3322, 0.3286



56.5233, 0.3255, 0.3499



56.5233, 0.2935, 0.3289

Rectangle

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



56.5233, 0.2998, 0.3088



56.5233, 0.3192, 0.3160



56.5233, 0.3255, 0.3499



56.5233, 0.3060, 0.3426

Sweetspot

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



56.5257, 0.2998, 0.3088



94.0444, 0.3082, 0.3220



64.6335, 0.3006, 0.3304



19.7970, 0.3070, 0.3200



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.



56.5257, 0.2998, 0.3088



81.0352, 0.2970, 0.3044



57.1631, 0.3058, 0.3080



12.1141, 0.2981, 0.3062



3.1327, 0.1510, 0.0636



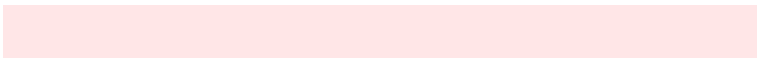
0.2273, 0.1542, 0.0749

Inverse Universe

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



57.8237, 0.3264, 0.3279



83.3375, 0.3295, 0.3277



65.2391, 0.3193, 0.3499



12.4315, 0.3283, 0.3278



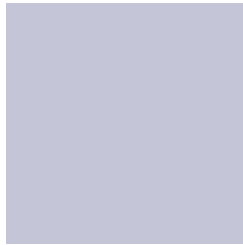
8.6611, 0.6339, 0.3266



0.5263, 0.6152, 0.3162

Previews

White Background



This preview shows how the Yxy color 56.5233, 0.2998, 0.3088 looks on a white background.

Color Contrast Check

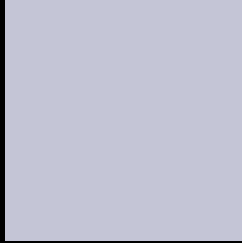
Large Text (above 18pt) WCAG AA × Fail

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 56.5233, 0.2998, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

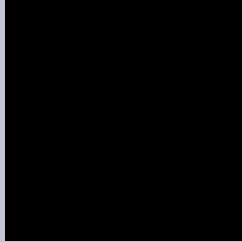
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

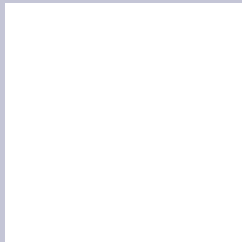
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5233, 0.2998, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 56.5233, 0.2998, 0.3088.

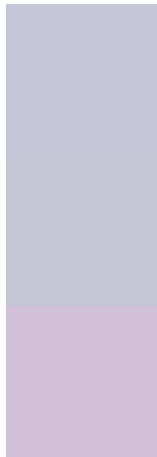


This preview shows how white text looks on a background with the Yxy color 56.5233, 0.2998, 0.3088.

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

56.5233, 0.2998, 0.3088

Protanopia

56.6579, 0.3005, 0.3089

Deuteranopia

56.1609, 0.3092, 0.3025



Tritanopia

56.4724, 0.3005, 0.3100

Trichromacy



Original Color

56.5233, 0.2998, 0.3088

Protanomaly

56.6579, 0.3005, 0.3089

Deuteranomaly

56.3272, 0.3052, 0.3045

Tritanomaly

56.4724, 0.3005, 0.3100

Monochromacy



Original Color

56.5233, 0.2998, 0.3088

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7536, 0.3084, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5233, 0.2998, 0.3088 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(196, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 214)  
}
```

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(196, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 214) }
```

Border

The CSS property to change the border of an element to Yxy 56.5233, 0.2998, 0.3088 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(196, 197, 214) }
```

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

```
.border{ border-color:rgb(196, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5233, 0.2998, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 214) }
```

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

```
.background{ background-color: rgb(196,  
197, 214) }
```

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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