

Converting Colors

Yxy(56.5185, 0.3184, 0.3163)

Have a look what the booklet for
Yxy(56.5185, 0.3184, 0.3163)
contains.

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Color

Yxy(56.3484, 0.3189, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	D3C1CC
RGB	211, 193, 204
RGB Percent	83%, 76%, 80%
CMY	0.1727, 0.2431, 0.1999
CMYK	0.00, 0.09, 0.03, 0.17
HSL	323°, 17%, 79%
HSV	323°, 9%, 83%
XYZ	56.8296, 56.3484, 65.0270
YIQ	199.6360, 7.1970, 7.2370

Conversions

Conversions Part 2

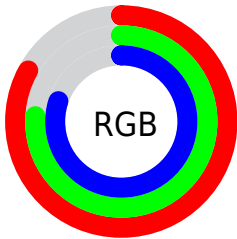
Format	Color
R _Y B	211, 193, 204
Decimal	13877708
CIE Lab	79.81, 8.24, -3.23
CIE LCh	80, 8.856, 338.589
Yxy	56.3484, 0.3189, 0.3162
Android (android.graphics.Color)	4292067788 (0xFFD3C1CC)
YUV	199.6360, 2.1515, 9.9662
Hunter-Lab	75.0656, 3.7714, 1.1848

Details

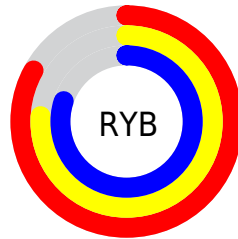
The Yxy color **56.3484, 0.3189, 0.3162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0811, 0.3070, 0.3422**, and the grayscale version is **57.5069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **27.7352, 0.3200, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **47.2972, 0.3274, 0.3005**, and if you desaturate by 10%, it is **66.7556, 0.3117, 0.3312**.

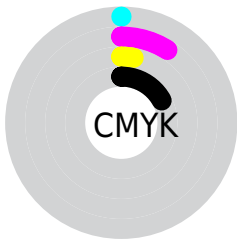
Distribution



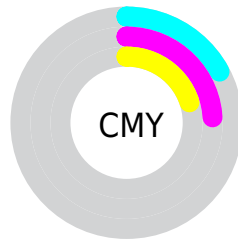
- Red (83%)
- Green (76%)
- Blue (80%)



- Red (83%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3484, 0.3189, 0.3162 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 56.3484, 0.3189, 0.3162 by changing the saturation by 10% instead.

 56.3484, 0.3189,
0.3162

 56.3484, 0.3189,
0.3162


411.0032, 0.3159,
0.3223

 40.4823, 0.3196,
0.3147


 99.5138, 0.3179,
0.3184

 27.9148, 0.3205,
0.3129


127.5819, 0.3174,
0.3192

 18.2614, 0.3216,
0.3105


160.4861, 0.3171,
0.3199

 11.1379, 0.3232,
0.3073

198.6109, 0.3168,
0.3205

 6.1596, 0.3254,
0.3028

242.3406, 0.3166,
0.3211

 2.9424, 0.3287,
0.2959

292.0596, 0.3163,

 1.1017, 0.3345,

0.3216

0.2840

348.1523, 0.3161,
0.3220

0.0000, 0.4716,
0.0000

0.0000, 0.0000,
0.0000

56.3484, 0.3189,
0.3162

56.3484, 0.3189,
0.3162

47.2972, 0.3274,
0.3005

66.7556, 0.3117,
0.3312

39.5382, 0.3376,
0.2843

78.5643, 0.3058,
0.3452

33.0136, 0.3494,
0.2683

90.9932, 0.3008,
0.3569

27.6582, 0.3629,
0.2530

91.4580, 0.2963,
0.3481

■ 23.4006, 0.3782,
0.2395

■ 91.9445, 0.2920,
0.3395

■ 20.1620, 0.3948,
0.2290

■ 92.4528, 0.2877,
0.3310

■ 17.8524, 0.4123,
0.2226

■ 92.5846, 0.2866,
0.3289

■ 16.3664, 0.4300,
0.2211

■ 15.5424, 0.4473,
0.2245

Harmonies

Analogous

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



56.3484, 0.3071, 0.3105



56.3484, 0.3189, 0.3162



56.3484, 0.3292, 0.3252

Triad

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



56.3484, 0.3189, 0.3162



56.3484, 0.3285, 0.3489



56.3484, 0.2910, 0.3220

Complementary

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



56.3484, 0.3189, 0.3162



62.0811, 0.3070, 0.3422

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.



56.3484, 0.2965, 0.3326



56.3484, 0.3189, 0.3162



56.3484, 0.3180, 0.3484

Square

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



56.3484, 0.3189, 0.3162



56.3484, 0.3347, 0.3440



56.3484, 0.3063, 0.3424



56.3484, 0.2912, 0.3136

Rectangle

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



56.3484, 0.3189, 0.3162



56.3484, 0.3337, 0.3320



56.3484, 0.3063, 0.3424



56.3484, 0.2922, 0.3255

Sweetspot

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



56.3509, 0.3189, 0.3162



95.0269, 0.3148, 0.3245



55.1118, 0.3050, 0.3077



20.0623, 0.3154, 0.3233



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.



56.3509, 0.3189, 0.3162



84.1773, 0.3202, 0.3137



55.9347, 0.3257, 0.3266



11.9284, 0.3196, 0.3148



9.3425, 0.4474, 0.2238



0.5377, 0.4181, 0.2077

Inverse Universe

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



56.3509, 0.3189, 0.3162



84.1773, 0.3202, 0.3137



62.5106, 0.3010, 0.3314



11.9284, 0.3196, 0.3148



9.3425, 0.4474, 0.2238



0.5377, 0.4181, 0.2077

Previews

White Background



This preview shows how the Yxy color 56.3484, 0.3189, 0.3162 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 56.3484, 0.3189, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

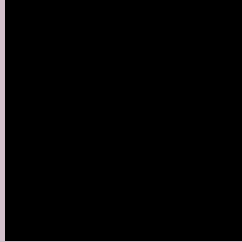
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

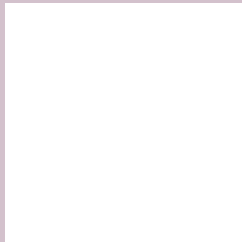
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3484, 0.3189, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 56.3484, 0.3189, 0.3162.



This preview shows how white text looks on a background with the Yxy color 56.3484, 0.3189, 0.3162.

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

56.3484, 0.3189, 0.3162

Protanopia

56.5308, 0.3077, 0.3183

Deuteranopia

56.3550, 0.3215, 0.3152



Tritanopia

56.1022, 0.3160, 0.3105

Trichromacy



Original Color

56.3484, 0.3189, 0.3162

Protanomaly

56.5841, 0.3116, 0.3184

Deuteranomaly

56.2050, 0.3206, 0.3151

Tritanomaly

56.0532, 0.3168, 0.3116

Monochromacy



Original Color

56.3484, 0.3189, 0.3162

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9869, 0.3153, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3484, 0.3189, 0.3162 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(211, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(211, 193, 204)  
}
```

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(211, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 193, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.3484, 0.3189, 0.3162 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(211, 193, 204) }
```

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

```
.border{ border-color:rgb(211, 193, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(211, 193,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3484, 0.3189, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 193, 204) }
```

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

```
.background{ background-color: rgb(211,  
193, 204) }
```

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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