

Converting Colors

$Yxy(56.3003, 0.3176, 0.3193)$

Have a look what the booklet for
Yxy(56.3003, 0.3176, 0.3193)
contains.

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Color

Yxy(56.2577, 0.3180, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	D0C2CA
RGB	208, 194, 202
RGB Percent	82%, 76%, 79%
CMY	0.1841, 0.2393, 0.2078
CMYK	0.00, 0.07, 0.03, 0.18
HSL	326°, 13%, 79%
HSV	326°, 7%, 82%
XYZ	55.9761, 56.2577, 63.7916
YIQ	199.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

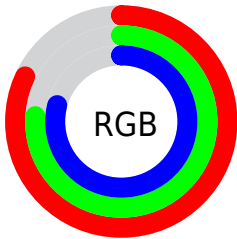
Format	Color
R _Y B	208, 194, 202
Decimal	13681354
CIE Lab	79.76, 6.35, -2.25
CIE LCh	80, 6.733, 340.495
Yxy	56.2577, 0.3180, 0.3196
Android (android.graphics.Color)	4291871434 (0xFFD0C2CA)
YUV	199.0980, 1.4307, 7.8071
Hunter-Lab	75.0051, 1.9549, 2.0777

Details

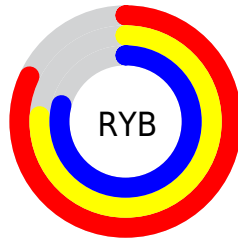
The Yxy color **56.2577, 0.3180, 0.3196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7755, 0.3078, 0.3386**, and the grayscale version is **57.1699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **27.7643, 0.3198, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **47.2281, 0.3271, 0.3051**, and if you desaturate by 10%, it is **66.6131, 0.3104, 0.3334**.

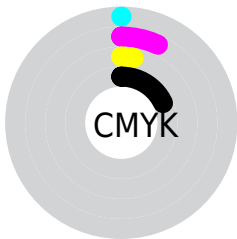
Distribution



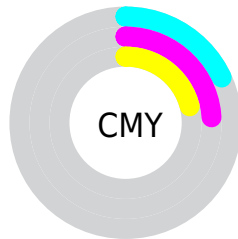
- Red (82%)
- Green (76%)
- Blue (79%)



- Red (82%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2577, 0.3180, 0.3196 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 56.2577, 0.3180, 0.3196 by changing the saturation by 10% instead.

■ 56.2577, 0.3180,
0.3196

■ 56.2577, 0.3180,
0.3196

410.6619, 0.3155,
0.3241

■ 40.4096, 0.3186,
0.3185

■ 99.3813, 0.3171,
0.3212

■ 27.8580, 0.3194,
0.3172

127.4255, 0.3168,
0.3218

■ 18.2187, 0.3204,
0.3154

160.3039, 0.3165,
0.3223

■ 11.1071, 0.3217,
0.3130

198.4008, 0.3162,
0.3228

■ 6.1389, 0.3236,
0.3096

242.1007, 0.3160,
0.3232

■ 2.9297, 0.3266,
0.3044

291.7879, 0.3158,

■ 1.0952, 0.3317,

0.3235

0.2954

347.8469, 0.3156,
0.3239

0.0000, 0.5028,
0.0000

0.0000, 0.0000,
0.0000

56.2577, 0.3180,
0.3196

56.2577, 0.3180,
0.3196

47.2281, 0.3271,
0.3051

66.6131, 0.3104,
0.3334

39.4631, 0.3379,
0.2900

78.3379, 0.3041,
0.3462

32.9073, 0.3507,
0.2749

90.5842, 0.2989,
0.3567

27.4985, 0.3656,
0.2605

91.0957, 0.2940,
0.3470

■ 23.1690, 0.3824,
0.2475

■ 91.6334, 0.2893,
0.3376

■ 19.8436, 0.4011,
0.2373

■ 92.1572, 0.2849,
0.3289

■ 17.4377, 0.4210,
0.2309

■ 15.8523, 0.4413,
0.2294

■ 14.9586, 0.4612,
0.2332

Harmonies

Analogous

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



56.2577, 0.3090, 0.3150



56.2577, 0.3180, 0.3196



56.2577, 0.3256, 0.3266

Triad

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



56.2577, 0.3180, 0.3196



56.2577, 0.3243, 0.3442



56.2577, 0.2960, 0.3233

Complementary

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



56.2577, 0.3180, 0.3196



60.7755, 0.3078, 0.3386

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.



56.2577, 0.2999, 0.3313



56.2577, 0.3180, 0.3196



56.2577, 0.3162, 0.3435

Square

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



56.2577, 0.3180, 0.3196



56.2577, 0.3293, 0.3408



56.2577, 0.3073, 0.3387



56.2577, 0.2964, 0.3170

Rectangle

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



56.2577, 0.3180, 0.3196



56.2577, 0.3289, 0.3318



56.2577, 0.3073, 0.3387



56.2577, 0.2968, 0.3259

Sweetspot

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



56.2601, 0.3180, 0.3196



96.6488, 0.3142, 0.3262



55.3930, 0.3070, 0.3123



20.7219, 0.3142, 0.3264



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.



56.2601, 0.3180, 0.3196



87.1163, 0.3191, 0.3177



55.9427, 0.3232, 0.3276



11.9197, 0.3203, 0.3158



9.2027, 0.4650, 0.2335



0.5303, 0.4315, 0.2151

Inverse Universe

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



56.2601, 0.3180, 0.3196



87.1163, 0.3191, 0.3177



61.1032, 0.3031, 0.3304



11.9197, 0.3203, 0.3158



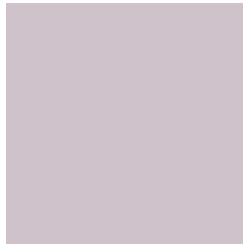
9.2027, 0.4650, 0.2335



0.5303, 0.4315, 0.2151

Previews

White Background



This preview shows how the Yxy color 56.2577, 0.3180, 0.3196 looks on a white background.

Color Contrast Check

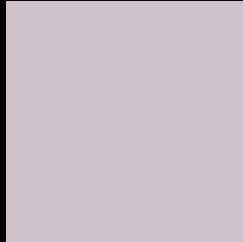
Large Text (above 18pt) WCAG AA × Fail

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 56.2577, 0.3180, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

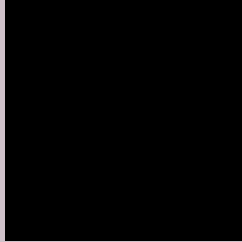
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

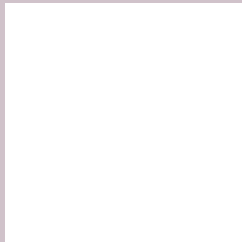
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2577, 0.3180, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 56.2577, 0.3180, 0.3196.



This preview shows how white text looks on a background with the Yxy color 56.2577, 0.3180, 0.3196.

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

56.2577, 0.3180, 0.3196

Protanopia

56.4343, 0.3092, 0.3206

Deuteranopia

56.4106, 0.3238, 0.3175



Tritanopia

56.2493, 0.3143, 0.3116

Trichromacy



Original Color

56.2577, 0.3180, 0.3196

Protanomaly

56.3482, 0.3123, 0.3207

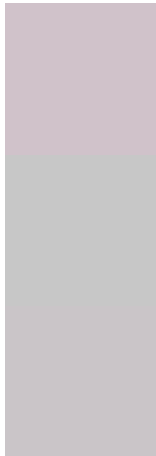
Deuteranomaly

56.4012, 0.3213, 0.3186

Tritanomaly

56.1515, 0.3158, 0.3139

Monochromacy



Original Color

56.2577, 0.3180, 0.3196

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6592, 0.3145, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2577, 0.3180, 0.3196 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(208, 194, 202)` looks like.

```
.text, #text, p{  
    color:rgb(208, 194, 202)  
}
```

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(208, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 194, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.2577, 0.3180, 0.3196 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(208, 194, 202) }
```

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

```
.border{ border-color:rgb(208, 194, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 194, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 194, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 194, 202);  
box-shadow:4px 4px 4px 4px rgb(208, 194,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2577, 0.3180, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 194, 202) }
```

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

```
.background{ background-color: rgb(208,  
194, 202) }
```

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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