

Converting Colors

Yxy(56.3791, 0.3176, 0.3165)

Have a look what the booklet for
Yxy(56.3791, 0.3176, 0.3165)
contains.

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Color

Yxy(56.6448, 0.3181, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	D2C2CC
RGB	210, 194, 204
RGB Percent	82%, 76%, 80%
CMY	0.1764, 0.2392, 0.2001
CMYK	0.00, 0.08, 0.03, 0.18
HSL	323°, 15%, 79%
HSV	323°, 8%, 82%
XYZ	56.7697, 56.6448, 65.0505
YIQ	199.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

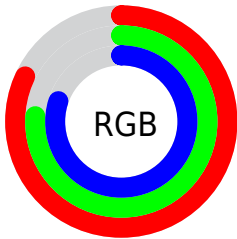
Format	Color
R _Y B	210, 194, 204
Decimal	13812428
CIE Lab	79.98, 7.37, -2.96
CIE LCh	80, 7.947, 338.101
Yxy	56.6448, 0.3181, 0.3174
Android (android.graphics.Color)	4292002508 (0xFFD2C2CC)
YUV	199.9240, 2.0095, 8.8367
Hunter-Lab	75.2627, 2.9305, 1.4388

Details

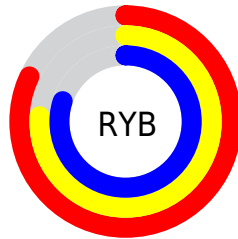
The Yxy color **56.6448, 0.3181, 0.3174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7434, 0.3077, 0.3409**, and the grayscale version is **57.6957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **28.0261, 0.3199, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **47.5794, 0.3263, 0.3015**, and if you desaturate by 10%, it is **67.0556, 0.3112, 0.3325**.

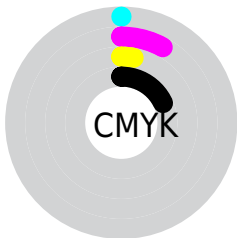
Distribution



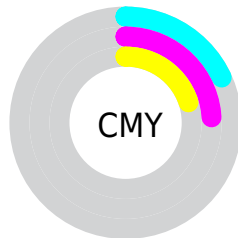
- Red (82%)
- Green (76%)
- Blue (80%)



- Red (82%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6448, 0.3181, 0.3174 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 56.6448, 0.3181, 0.3174 by changing the saturation by 10% instead.


 56.6448, 0.3181,
0.3174

 56.6448, 0.3181,
0.3174


412.1170, 0.3155,
0.3230

 40.7201, 0.3187,
0.3161


 99.9467, 0.3172,
0.3194

 28.1005, 0.3195,
0.3144


128.0928, 0.3168,
0.3201

 18.4014, 0.3205,
0.3123


161.0814, 0.3165,
0.3208

 11.2386, 0.3218,
0.3094

199.2970, 0.3163,
0.3213

 6.2275, 0.3237,
0.3052

243.1239, 0.3161,
0.3218

 2.9839, 0.3266,
0.2989

292.9467, 0.3159,

 1.1233, 0.3316,

0.3223

0.2881

349.1496, 0.3157,
0.3226

0.0000, 0.4648,
0.0000

0.0000, 0.0000,
0.0000

56.6448, 0.3181,
0.3174

56.6448, 0.3181,
0.3174

47.5794, 0.3263,
0.3015

67.0556, 0.3112,
0.3325

39.7965, 0.3361,
0.2852

78.8565, 0.3054,
0.3467

33.2394, 0.3475,
0.2689

90.8117, 0.3006,
0.3577

27.8441, 0.3605,
0.2533

91.2614, 0.2963,
0.3492

■ 23.5407, 0.3752,
0.2394

■ 91.7316, 0.2920,
0.3408

■ 20.2520, 0.3912,
0.2284

■ 92.2224, 0.2879,
0.3325

■ 17.8902, 0.4082,
0.2214

■ 92.4441, 0.2860,
0.3289

■ 16.3526, 0.4253,
0.2192

■ 15.4959, 0.4421,
0.2221

Harmonies

Analogous

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



56.6448, 0.3075, 0.3123



56.6448, 0.3181, 0.3174



56.6448, 0.3273, 0.3255

Triad

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



56.6448, 0.3181, 0.3174



56.6448, 0.3269, 0.3468



56.6448, 0.2932, 0.3229

Complementary

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



56.6448, 0.3181, 0.3174



61.7434, 0.3077, 0.3409

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.



56.6448, 0.2983, 0.3324



56.6448, 0.3181, 0.3174



56.6448, 0.3176, 0.3464

Square

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



56.6448, 0.3181, 0.3174



56.6448, 0.3325, 0.3424



56.6448, 0.3072, 0.3411



56.6448, 0.2933, 0.3153

Rectangle

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



56.6448, 0.3181, 0.3174



56.6448, 0.3314, 0.3315



56.6448, 0.3072, 0.3411



56.6448, 0.2944, 0.3260

Sweetspot

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



56.6473, 0.3181, 0.3174



96.6657, 0.3141, 0.3260



55.5009, 0.3056, 0.3100



20.7254, 0.3140, 0.3261



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.



56.6473, 0.3181, 0.3174



85.6760, 0.3192, 0.3151



56.2807, 0.3241, 0.3265



11.9302, 0.3195, 0.3146



9.3733, 0.4438, 0.2218



0.5393, 0.4154, 0.2062

Inverse Universe

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



56.6473, 0.3181, 0.3174



85.6760, 0.3192, 0.3151



62.1193, 0.3024, 0.3315



11.9302, 0.3195, 0.3146



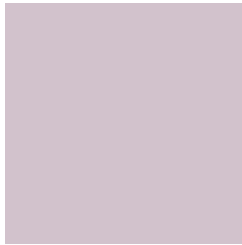
9.3733, 0.4438, 0.2218



0.5393, 0.4154, 0.2062

Previews

White Background



This preview shows how the Yxy color 56.6448, 0.3181, 0.3174 looks on a white background.

Color Contrast Check

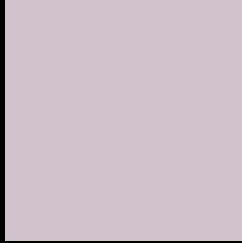
Large Text (above 18pt) WCAG AA × Fail

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 56.6448, 0.3181, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

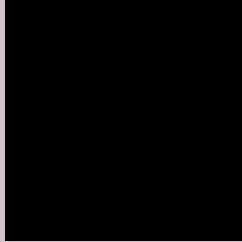
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6448, 0.3181, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 56.6448, 0.3181, 0.3174.



This preview shows how white text looks on a background with the Yxy color 56.6448, 0.3181, 0.3174.

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

56.6448, 0.3181, 0.3174

Protanopia

56.6681, 0.3085, 0.3183

Deuteranopia

56.5060, 0.3223, 0.3152



Tritanopia

56.5429, 0.3159, 0.3117

Trichromacy



Original Color

56.6448, 0.3181, 0.3174

Protanomaly

56.7250, 0.3124, 0.3184

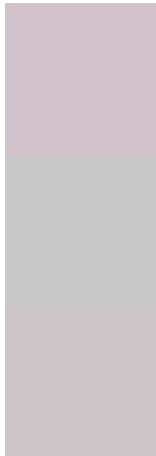
Deuteranomaly

56.6457, 0.3206, 0.3163

Tritanomaly

56.4938, 0.3167, 0.3128

Monochromacy



Original Color

56.6448, 0.3181, 0.3174

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4426, 0.3152, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6448, 0.3181, 0.3174 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(210, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(210, 194, 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(210, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 194, 204) }
```

Border

The CSS property to change the border of an element to Yxy 56.6448, 0.3181, 0.3174 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(210, 194, 204) }
```

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

```
.border{ border-color:rgb(210, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(210, 194,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6448, 0.3181, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 194, 204) }
```

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

```
.background{ background-color: rgb(210,  
194, 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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