

Converting Colors

$Yxy(56.9862, 0.3095, 0.3064)$

Have a look what the booklet for
Yxy(56.9862, 0.3095, 0.3064)
contains.

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Color

Yxy(56.8485, 0.3091, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	D0C2D6
RGB	208, 194, 214
RGB Percent	82%, 76%, 84%
CMY	0.1842, 0.2392, 0.1609
CMYK	0.03, 0.09, 0.00, 0.16
HSL	282°, 20%, 80%
HSV	282°, 9%, 84%
XYZ	57.4432, 56.8485, 71.5485
YIQ	200.4660, 1.9240, 9.1880

Conversions

Conversions Part 2

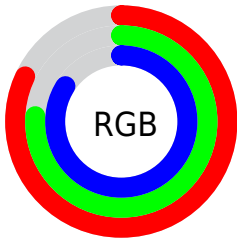
Format	Color
RYB	208, 194, 214
Decimal	13681366
CIELab	80.09, 8.54, -8.20
CIElCh	80, 11.836, 316.162
Yxy	56.8485, 0.3091, 0.3059
Android (android.graphics.Color)	4291871446 (0xFFD0C2D6)
YUV	200.4660, 6.6723, 6.6073
Hunter-Lab	75.3979, 4.0468, -3.4844

Details

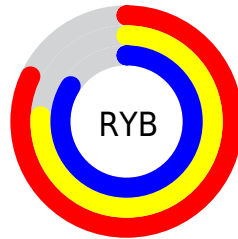
The Yxy color `56.8485, 0.3091, 0.3059` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `64.2514, 0.3160, 0.3526`, and the grayscale version is `58.0203, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.8512, 0.3129, 0.3242`, and `28.1294, 0.3088, 0.2999` is the 20% darker color. If you saturate the color by 10%, you get `47.0952, 0.3045, 0.2797`, and if you desaturate by 10%, it is `68.0153, 0.3129, 0.3306`.

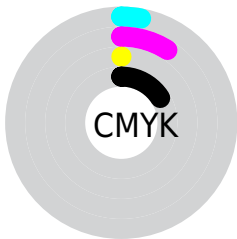
Distribution



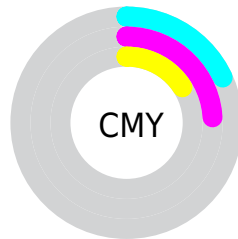
- Red (82%)
- Green (76%)
- Blue (84%)



- Red (82%)
- Yellow (76%)
- Blue (84%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)





- Cyan (18%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8485, 0.3091, 0.3059 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 56.8485, 0.3091, 0.3059 by changing the saturation by 10% instead.

 56.8485, 0.3091,
0.3059

 56.8485, 0.3091,
0.3059

412.8814, 0.3109,
0.3169

 40.8836, 0.3086,
0.3033

 100.2441, 0.3098,
0.3098

 28.2282, 0.3081,
0.3001

128.4436, 0.3100,
0.3113

 18.4977, 0.3073,
0.2959


161.4901, 0.3102,
0.3125

 11.3079, 0.3062,
0.2903

199.7680, 0.3104,
0.3136

 6.2743, 0.3046,
0.2825

243.6617, 0.3106,
0.3146

 3.0126, 0.3020,
0.2707

293.5555, 0.3107,

 1.1383, 0.2972,

0.3155

0.2511

349.8340, 0.3108,
0.3162

0.0104, 0.2685,
0.0128

0.0000, 0.0000,
0.0000

56.8485, 0.3091,
0.3059

56.8485, 0.3091,
0.3059

47.0952, 0.3045,
0.2797

68.0153, 0.3129,
0.3306

38.6893, 0.2991,
0.2526

80.6436, 0.3161,
0.3535

31.5703, 0.2929,
0.2253

92.7324, 0.3189,
0.3714

25.6702, 0.2859,
0.1986

93.7907, 0.3230,
0.3709

■ 20.9144, 0.2783,
0.1739

■ 94.8880, 0.3271,
0.3704

■ 17.2203, 0.2703,
0.1522

■ 96.0245, 0.3313,
0.3698

■ 14.4936, 0.2622,
0.1347

■ 97.2008, 0.3355,
0.3693

■ 12.6229, 0.2542,
0.1218

■ 97.6339, 0.3370,
0.3691

■ 11.4230, 0.2465,
0.1134

Harmonies

Analogous

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



56.8485, 0.2948, 0.3028



56.8485, 0.3091, 0.3059



56.8485, 0.3247, 0.3147

Triad

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



56.8485, 0.3091, 0.3059



56.8485, 0.3407, 0.3512



56.8485, 0.2886, 0.3301

Complementary

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



56.8485, 0.3091, 0.3059



64.2514, 0.3160, 0.3526

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.



56.8485, 0.3004, 0.3439



56.8485, 0.3091, 0.3059



56.8485, 0.3305, 0.3562

Square

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



56.8485, 0.3091, 0.3059



56.8485, 0.3432, 0.3405



56.8485, 0.3157, 0.3536



56.8485, 0.2832, 0.3163

Rectangle

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



56.8485, 0.3091, 0.3059



56.8485, 0.3337, 0.3228



56.8485, 0.3157, 0.3536



56.8485, 0.2920, 0.3349

Sweetspot

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



56.8509, 0.3091, 0.3059



94.7855, 0.3116, 0.3217



57.6296, 0.2983, 0.3124



19.9969, 0.3113, 0.3197



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.



56.8509, 0.3091, 0.3059



81.8382, 0.3083, 0.3014



57.5295, 0.3168, 0.3107



12.4381, 0.3091, 0.3057



6.9193, 0.2471, 0.1135



0.4594, 0.2602, 0.1207

Inverse Universe

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



57.0455, 0.3244, 0.3221



82.1874, 0.3268, 0.3208



63.6290, 0.3089, 0.3480



12.4812, 0.3245, 0.3221



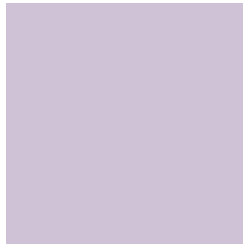
8.8798, 0.5754, 0.2944



0.5501, 0.5256, 0.2669

Previews

White Background



This preview shows how the Yxy color 56.8485, 0.3091, 0.3059 looks on a white background.

Color Contrast Check

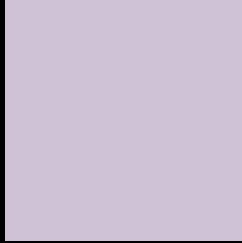
Large Text (above 18pt) WCAG AA × Fail

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 56.8485, 0.3091, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

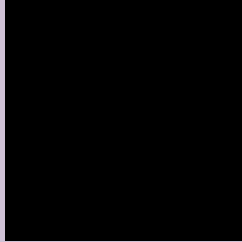
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

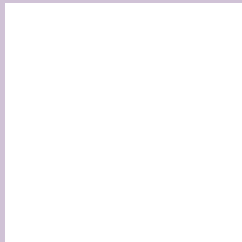
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8485, 0.3091, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 56.8485, 0.3091, 0.3059.



This preview shows how white text looks on a background with the Yxy color 56.8485, 0.3091, 0.3059.

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

56.8485, 0.3091, 0.3059

Protanopia

56.7607, 0.2991, 0.3066

Deuteranopia

56.8439, 0.3115, 0.3049



Tritanopia

56.9488, 0.3112, 0.3115

Trichromacy



Original Color

56.8485, 0.3091, 0.3059

Protanomaly

56.8037, 0.3029, 0.3067

Deuteranomaly

56.6966, 0.3107, 0.3048

Tritanomaly

56.9988, 0.3104, 0.3104

Monochromacy



Original Color

56.8485, 0.3091, 0.3059

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4925, 0.3115, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8485, 0.3091, 0.3059 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(208, 194, 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(208, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 194, 214) }
```

Border

The CSS property to change the border of an element to Yxy 56.8485, 0.3091, 0.3059 is called "border". The border property can be set on classes, ids or directly on the HTML element.

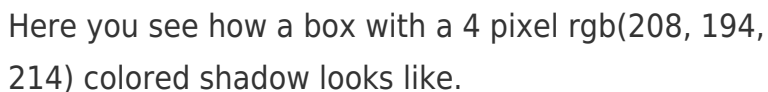
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 194, 214) }
```

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

```
.border{ border-color:rgb(208, 194, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(208, 194,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8485, 0.3091, 0.3059 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, 214) }
```

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

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