

Converting Colors

Yxy(56.1811, 0.3283, 0.3279)

Have a look what the booklet for
Yxy(56.1811, 0.3283, 0.3279)
contains.

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Color

Yxy(56.1811, 0.3283, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	D5C1C2
RGB	213, 193, 194
RGB Percent	84%, 76%, 76%
CMY	0.1646, 0.2431, 0.2393
CMYK	0.00, 0.09, 0.09, 0.16
HSL	357°, 19%, 80%
HSV	357°, 9%, 84%
XYZ	56.2496, 56.1811, 58.9053
YIQ	199.0940, 11.5990, 4.5510

Conversions

Conversions Part 2

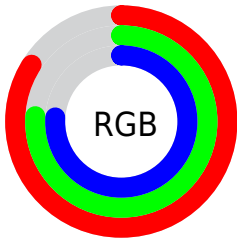
Format	Color
R _Y B	213, 193, 194
Decimal	14008770
CIE Lab	79.72, 7.22, 2.06
CIE LCh	80, 7.505, 15.960
Yxy	56.1811, 0.3283, 0.3279
Android (android.graphics.Color)	4292198850 (0xFFD5C1C2)
YUV	199.0940, -2.5113, 12.1956
Hunter-Lab	74.9541, 2.7866, 5.8727

Details

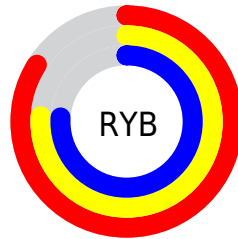
The Yxy color **56.1811, 0.3283, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6903, 0.2990, 0.3301**, and the grayscale version is **57.1859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9135, 0.3159, 0.3281**, and **27.6278, 0.3327, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **46.5847, 0.3489, 0.3267**, and if you desaturate by 10%, it is **67.2630, 0.3118, 0.3291**.

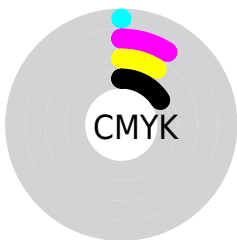
Distribution



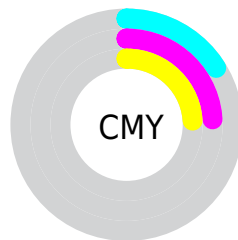
- Red (84%)
- Green (76%)
- Blue (76%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1811, 0.3283, 0.3279 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 56.1811, 0.3283, 0.3279 by changing the saturation by 10% instead.


 56.1811, 0.3283,
0.3279

 56.1811, 0.3283,
0.3279


410.3736, 0.3207,
0.3285

 40.3481, 0.3301,
0.3278


 99.2693, 0.3256,
0.3281

 27.8101, 0.3324,
0.3276


127.2934, 0.3246,
0.3282

 18.1826, 0.3355,
0.3273


160.1499, 0.3237,
0.3283

 11.0811, 0.3396,
0.3269

198.2233, 0.3229,
0.3283

 6.1214, 0.3455,
0.3263

241.8980, 0.3223,
0.3284

 2.9191, 0.3548,
0.3254

291.5583, 0.3217,

 1.0896, 0.3714,

0.3284

0.3234

347.5888, 0.3212,
0.3284

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1811, 0.3283,
0.3279

56.1811, 0.3283,
0.3279

46.5847, 0.3489,
0.3267

67.2630, 0.3118,
0.3291

38.4038, 0.3745,
0.3254

79.8820, 0.2986,
0.3301

31.5736, 0.4061,
0.3242

92.8735, 0.2879,
0.3292

26.0214, 0.4441,
0.3231

92.8887, 0.2877,
0.3289

■ 21.6678, 0.4879,
0.3225

■ 18.4246, 0.5346,
0.3227

■ 16.1911, 0.5791,
0.3237

■ 14.8489, 0.6141,
0.3256

■ 14.2023, 0.6349,
0.3276

Harmonies

Analogous

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



56.1811, 0.3203, 0.3198



56.1811, 0.3283, 0.3279



56.1811, 0.3320, 0.3364

Triad

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



56.1811, 0.3283, 0.3279



56.1811, 0.3148, 0.3445



56.1811, 0.2952, 0.3147

Complementary

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



56.1811, 0.3283, 0.3279



63.6903, 0.2990, 0.3301

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.



56.1811, 0.2938, 0.3211



56.1811, 0.3283, 0.3279



56.1811, 0.3050, 0.3385

Square

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



56.1811, 0.3283, 0.3279



56.1811, 0.3241, 0.3462



56.1811, 0.2974, 0.3299



56.1811, 0.3012, 0.3122

Rectangle

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



56.1811, 0.3283, 0.3279



56.1811, 0.3316, 0.3412



56.1811, 0.2974, 0.3299



56.1811, 0.2942, 0.3165

Sweetspot

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



56.1836, 0.3283, 0.3279



94.7560, 0.3174, 0.3287



56.9452, 0.3130, 0.3060



19.9893, 0.3187, 0.3286



0.0000, 0.0000, 0.0000



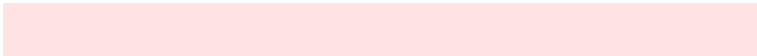
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.1836, 0.3283, 0.3279



81.7900, 0.3315, 0.3277



60.2442, 0.3279, 0.3395



12.4305, 0.3284, 0.3279



8.6594, 0.6344, 0.3269



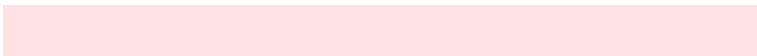
0.5258, 0.6172, 0.3174

Inverse Universe

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



56.1836, 0.3283, 0.3279



81.7900, 0.3315, 0.3277



59.3333, 0.2983, 0.3183



12.4305, 0.3284, 0.3279



8.6594, 0.6344, 0.3269



0.5258, 0.6172, 0.3174

Previews

White Background



This preview shows how the Yxy color 56.1811, 0.3283, 0.3279 looks on a white background.

Color Contrast Check

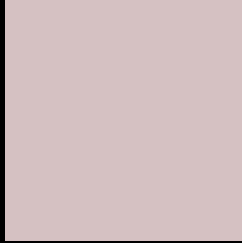
Large Text (above 18pt) WCAG AA × Fail

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 56.1811, 0.3283, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

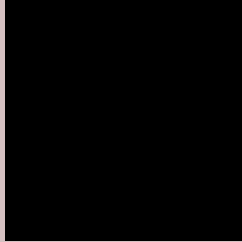
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1811, 0.3283, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 56.1811, 0.3283, 0.3279.



This preview shows how white text looks on a background with the Yxy color 56.1811, 0.3283, 0.3279.

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

56.1811, 0.3283, 0.3279

Protanopia

56.3355, 0.3166, 0.3302

Deuteranopia

56.0621, 0.3327, 0.3256



Tritanopia

56.1649, 0.3208, 0.3118

Trichromacy



Original Color

56.1811, 0.3283, 0.3279

Protanomaly

56.3991, 0.3207, 0.3302

Deuteranomaly

56.1932, 0.3309, 0.3267

Tritanomaly

56.2597, 0.3230, 0.3175

Monochromacy



Original Color

56.1811, 0.3283, 0.3279

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8011, 0.3183, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1811, 0.3283, 0.3279 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(213, 193, 194)` looks like.

```
.text, #text, p{  
    color:rgb(213, 193, 194)  
}
```

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(213, 193, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 193, 194) }
```

Border

The CSS property to change the border of an element to Yxy 56.1811, 0.3283, 0.3279 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(213, 193, 194) }
```

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

```
.border{ border-color:rgb(213, 193, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 193, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 193, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 193, 194);  
box-shadow:4px 4px 4px 4px rgb(213, 193,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1811, 0.3283, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 193, 194) }
```

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

```
.background{ background-color: rgb(213,  
193, 194) }
```

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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