

Converting Colors

$Y_{xy}(56.2996, 0.2910, 0.2972)$

Have a look what the booklet for
Yxy(56.2996, 0.2910, 0.2972)
contains.

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Color

Yxy(56.1450, 0.2914, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	C1C4DF
RGB	193, 196, 223
RGB Percent	76%, 77%, 87%
CMY	0.2431, 0.2313, 0.1256
CMYK	0.13, 0.12, 0.00, 0.13
HSL	234°, 32%, 82%
HSV	234°, 13%, 87%
XYZ	55.0493, 56.1450, 77.7189
YIQ	198.1810, -10.4550, 7.7610

Conversions

Conversions Part 2

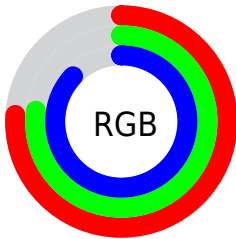
Format	Color
R _Y B	193, 196, 223
Decimal	12698847
CIE Lab	79.70, 4.30, -13.75
CIE LCh	80, 14.401, 287.360
Yxy	56.1450, 0.2914, 0.2972
Android (android.graphics.Color)	4290888927 (0xFFC1C4DF)
YUV	198.1810, 12.2358, -4.5437
Hunter-Lab	74.9300, 0.0124, -9.0458

Details

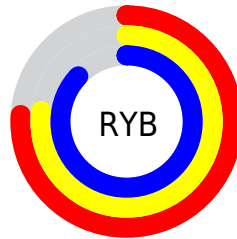
The Yxy color **56.1450, 0.2914, 0.2972** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.7023, 0.3332, 0.3589**, and the grayscale version is **56.5180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7946, 0.3097, 0.3271**, and **27.6621, 0.2853, 0.2882** is the 20% darker color. If you saturate the color by 10%, you get **44.9780, 0.2735, 0.2700**, and if you desaturate by 10%, it is **68.9693, 0.3076, 0.3214**.

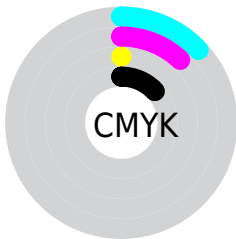
Distribution



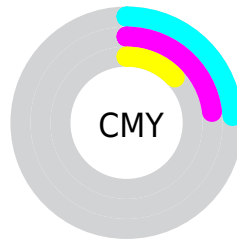
- Red (76%)
- Green (77%)
- Blue (87%)



- Red (76%)
- Yellow (77%)
- Blue (87%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1450, 0.2914, 0.2972 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 56.1450, 0.2914, 0.2972 by changing the saturation by 10% instead.

■ 56.1450, 0.2914,
0.2972

■ 56.1450, 0.2914,
0.2972

410.2377, 0.3017,
0.3124

■ 40.3192, 0.2889,
0.2936

■ 99.2166, 0.2951,
0.3026

■ 27.7875, 0.2858,
0.2891

127.2311, 0.2965,
0.3046

■ 18.1655, 0.2817,
0.2833

160.0773, 0.2977,
0.3064

■ 11.0689, 0.2762,
0.2756

198.1396, 0.2987,
0.3079

■ 6.1132, 0.2684,
0.2647

241.8024, 0.2996,
0.3092

■ 2.9140, 0.2564,
0.2484

291.4501, 0.3004,

■ 1.0870, 0.2360,

0.3104

0.2215

347.4671, 0.3011,
0.3115

0.0000, 0.0731,
0.0000

0.0000, 0.0000,
0.0000

56.1450, 0.2914,
0.2972

56.1450, 0.2914,
0.2972

44.9780, 0.2735,
0.2700

68.9693, 0.3076,
0.3214

35.3940, 0.2540,
0.2400

83.5075, 0.3220,
0.3426

27.3231, 0.2336,
0.2078

98.1056, 0.3316,
0.3602

20.6877, 0.2131,
0.1748

■ 15.4033, 0.1936,
0.1427

■ 11.3761, 0.1767,
0.1136

■ 8.5006, 0.1635,
0.0899

■ 6.6535, 0.1550,
0.0730

■ 5.9101, 0.1516,
0.0659

Harmonies

Analogous

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



56.1450, 0.2798, 0.3012



56.1450, 0.2914, 0.2972



56.1450, 0.3090, 0.3013

Triad

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



56.1450, 0.2914, 0.2972



56.1450, 0.3501, 0.3434



56.1450, 0.2970, 0.3467

Complementary

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



56.1450, 0.2914, 0.2972



70.7023, 0.3332, 0.3589

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.



56.1450, 0.3155, 0.3589



56.1450, 0.2914, 0.2972



56.1450, 0.3465, 0.3564

Square

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



56.1450, 0.2914, 0.2972



56.1450, 0.3433, 0.3274



56.1450, 0.3337, 0.3623



56.1450, 0.2829, 0.3295

Rectangle

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



56.1450, 0.2914, 0.2972



56.1450, 0.3219, 0.3079



56.1450, 0.3337, 0.3623



56.1450, 0.3029, 0.3516

Sweetspot

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



56.1473, 0.2914, 0.2972



92.3981, 0.3067, 0.3200



69.2590, 0.2941, 0.3324



19.4800, 0.3055, 0.3183



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.



56.1473, 0.2914, 0.2972



71.8327, 0.2867, 0.2902



56.4496, 0.3003, 0.2945



13.4625, 0.2981, 0.3072



3.5518, 0.1520, 0.0671



0.3222, 0.1569, 0.0849

Inverse Universe

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



57.8134, 0.3349, 0.3257



74.5309, 0.3402, 0.3250



70.4513, 0.3239, 0.3630



13.7227, 0.3276, 0.3267



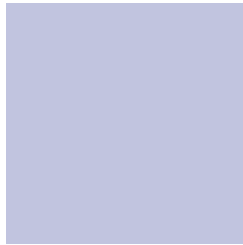
9.2666, 0.6280, 0.3233



0.6500, 0.5991, 0.3074

Previews

White Background



This preview shows how the Yxy color 56.1450, 0.2914, 0.2972 looks on a white background.

Color Contrast Check

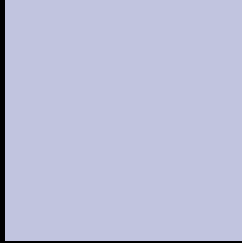
Large Text (above 18pt) WCAG AA × Fail

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 56.1450, 0.2914, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

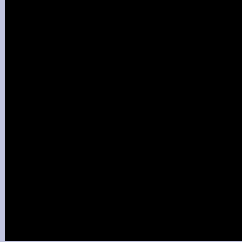
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1450, 0.2914, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 56.1450, 0.2914, 0.2972.



This preview shows how white text looks on a background with the Yxy color 56.1450, 0.2914, 0.2972.

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

56.1450, 0.2914, 0.2972

Protanopia

56.1450, 0.2914, 0.2972

Deuteranopia

55.9185, 0.2988, 0.2921



Tritanopia

56.2686, 0.2967, 0.3110

Trichromacy



Original Color

56.1450, 0.2914, 0.2972

Protanomaly

56.1450, 0.2914, 0.2972

Deuteranomaly

55.8011, 0.2958, 0.2930

Tritanomaly

56.1487, 0.2947, 0.3052

Monochromacy



Original Color

56.1450, 0.2914, 0.2972

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.1733, 0.3047, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1450, 0.2914, 0.2972 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(193, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 223)  
}
```

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(193, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 223) }
```

Border

The CSS property to change the border of an element to Yxy 56.1450, 0.2914, 0.2972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

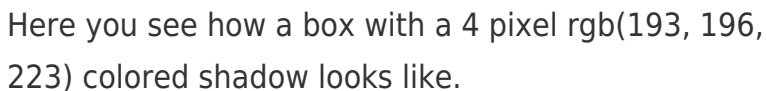
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 196, 223) }
```

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

```
.border{ border-color:rgb(193, 196, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 196, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 196, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 196, 223); box-shadow:4px 4px 4px 4px rgb(193, 196, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1450, 0.2914, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 223) }
```

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

```
.background{ background-color: rgb(193,  
196, 223) }
```

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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