

Converting Colors

Yxy(56.3696, 0.2897, 0.2942)

Have a look what the booklet for
Yxy(56.3696, 0.2897, 0.2942)
contains.

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Color

Yxy(56.3083, 0.2894, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	C1C4E2
RGB	193, 196, 226
RGB Percent	76%, 77%, 89%
CMY	0.2430, 0.2314, 0.1138
CMYK	0.15, 0.13, 0.00, 0.11
HSL	235°, 36%, 82%
HSV	235°, 15%, 89%
XYZ	55.4650, 56.3083, 79.8819
YIQ	198.5230, -11.4180, 8.6940

Conversions

Conversions Part 2

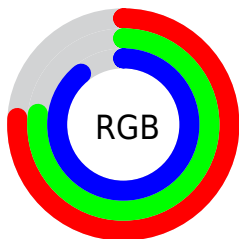
Format	Color
R _{YB}	193, 196, 226
Decimal	12698850
CIE Lab	79.79, 4.94, -15.23
CIE LCh	80, 16.011, 287.986
Yxy	56.3083, 0.2894, 0.2938
Android (android.graphics.Color)	4290888930 (0xFFC1C4E2)
YUV	198.5230, 13.5462, -4.8437
Hunter-Lab	75.0389, 0.6204, -10.5894

Details

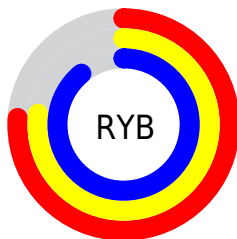
The Yxy color **56.3083, 0.2894, 0.2938** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.8078, 0.3350, 0.3619**, and the grayscale version is **56.7321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7946, 0.3097, 0.3271**, and **27.7752, 0.2827, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **44.9105, 0.2712, 0.2659**, and if you desaturate by 10%, it is **69.4370, 0.3058, 0.3187**.

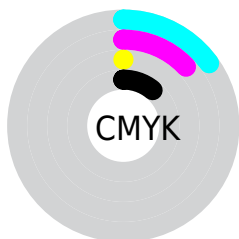
Distribution



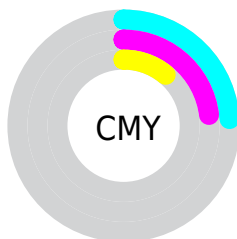
- Red (76%)
- Green (77%)
- Blue (89%)



- Red (76%)
- Yellow (77%)
- Blue (89%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3083, 0.2894, 0.2938 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 56.3083, 0.2894, 0.2938 by changing the saturation by 10% instead.

■ 56.3083, 0.2894,
0.2938

■ 56.3083, 0.2894,
0.2938

■ 410.8523, 0.3007,
0.3106

■ 40.4502, 0.2867,
0.2899

■ 99.4552, 0.2934,
0.2997

■ 27.8897, 0.2833,
0.2849

■ 127.5128, 0.2950,
0.3020

■ 18.2425, 0.2789,
0.2786

■ 160.4056, 0.2963,
0.3039

■ 11.1243, 0.2729,
0.2701

■ 198.5180, 0.2974,
0.3056

■ 6.1505, 0.2644,
0.2583

■ 242.2345, 0.2984,
0.3071

■ 2.9368, 0.2515,
0.2407

■ 291.9395, 0.2992,

■ 1.0988, 0.2296,

0.3084

0.2120

348.0173, 0.3000,
0.3095

0.0000, 0.0864,
0.0000

0.0000, 0.0000,
0.0000

56.3083, 0.2894,
0.2938

56.3083, 0.2894,
0.2938

44.9105, 0.2712,
0.2659

69.4370, 0.3058,
0.3187

35.1647, 0.2515,
0.2352

84.3574, 0.3204,
0.3404

26.9961, 0.2309,
0.2025

98.2699, 0.3298,
0.3572

20.3215, 0.2103,
0.1692

■ 15.0501, 0.1910,
0.1371

■ 11.0811, 0.1744,
0.1086

■ 8.2999, 0.1618,
0.0859

■ 6.5720, 0.1540,
0.0704

■ 5.9995, 0.1514,
0.0650

Harmonies

Analogous

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



56.3083, 0.2764, 0.2979



56.3083, 0.2894, 0.2938



56.3083, 0.3090, 0.2985

Triad

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



56.3083, 0.2894, 0.2938



56.3083, 0.3544, 0.3452



56.3083, 0.2948, 0.3484

Complementary

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



56.3083, 0.2894, 0.2938



72.8078, 0.3350, 0.3619

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.



56.3083, 0.3153, 0.3622



56.3083, 0.2894, 0.2938



56.3083, 0.3501, 0.3596

Square

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



56.3083, 0.2894, 0.2938



56.3083, 0.3470, 0.3275



56.3083, 0.3356, 0.3661



56.3083, 0.2794, 0.3291

Rectangle

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



56.3083, 0.2894, 0.2938



56.3083, 0.3233, 0.3059



56.3083, 0.3356, 0.3661



56.3083, 0.3013, 0.3539

Sweetspot

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



56.3106, 0.2894, 0.2938



92.3345, 0.3067, 0.3199



71.0360, 0.2926, 0.3327



19.4640, 0.3055, 0.3182



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.



56.3106, 0.2894, 0.2938



70.0397, 0.2849, 0.2870



56.8015, 0.2991, 0.2914



13.4398, 0.2981, 0.3070



3.4966, 0.1517, 0.0662



0.3114, 0.1563, 0.0825

Inverse Universe

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



58.3095, 0.3374, 0.3257



73.1061, 0.3426, 0.3251



72.3513, 0.3249, 0.3661



13.7204, 0.3278, 0.3269



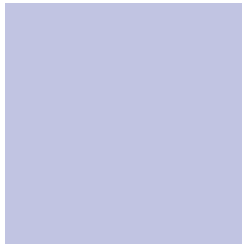
9.2610, 0.6296, 0.3242



0.6489, 0.6030, 0.3095

Previews

White Background



This preview shows how the Yxy color 56.3083, 0.2894, 0.2938 looks on a white background.

Color Contrast Check

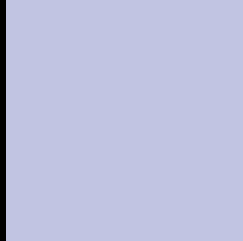
Large Text (above 18pt) WCAG AA × Fail

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 56.3083, 0.2894, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

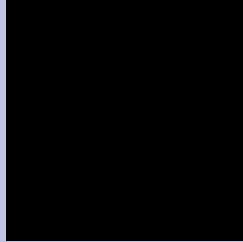
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3083, 0.2894, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 56.3083, 0.2894, 0.2938.



This preview shows how white text looks on a background with the Yxy color 56.3083, 0.2894, 0.2938.

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

56.3083, 0.2894, 0.2938

Protanopia

56.3083, 0.2894, 0.2938

Deuteranopia

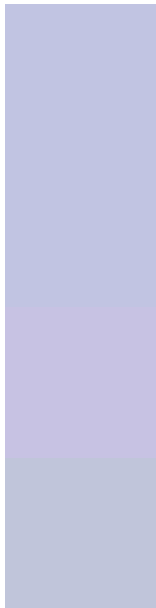
56.3825, 0.2960, 0.2899



Tritanopia

56.3196, 0.2960, 0.3098

Trichromacy



Original Color

56.3083, 0.2894, 0.2938

Protanomaly

56.3083, 0.2894, 0.2938

Deuteranomaly

56.2717, 0.2930, 0.2908

Tritanomaly

56.2009, 0.2940, 0.3040

Monochromacy



Original Color

56.3083, 0.2894, 0.2938

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8619, 0.3040, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3083, 0.2894, 0.2938 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 226) }
```

Border

The CSS property to change the border of an element to Yxy 56.3083, 0.2894, 0.2938 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, 226) }
```

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

```
.border{ border-color:rgb(193, 196, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 196, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 196, 226);  
box-shadow:4px 4px 4px 4px rgb(193, 196,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3083, 0.2894, 0.2938 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, 226) }
```

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

```
.background{ background-color: rgb(193,  
196, 226) }
```

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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