

Converting Colors

Yxy(56.7668, 0.2840, 0.2853)

Have a look what the booklet for
Yxy(56.7668, 0.2840, 0.2853)
contains.

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Color

Yxy(56.7578, 0.2841, 0.2850)

Conversions

Conversions Part 1

Format	Color
Hex	C1C4EA
RGB	193, 196, 234
RGB Percent	76%, 77%, 92%
CMY	0.2432, 0.2313, 0.0824
CMYK	0.18, 0.16, 0.00, 0.08
HSL	236°, 49%, 84%
HSV	236°, 18%, 92%
XYZ	56.5786, 56.7578, 85.8138
YIQ	199.4350, -13.9860, 11.1820

Conversions

Conversions Part 2

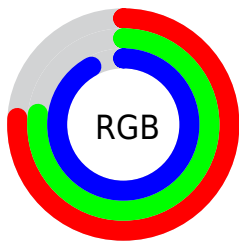
Format	Color
R _Y B	193, 196, 234
Decimal	12698858
CIE Lab	80.04, 6.63, -19.15
CIE LCh	80, 20.263, 289.087
Yxy	56.7578, 0.2841, 0.2850
Android (android.graphics.Color)	4290888938 (0xFFC1C4EA)
YUV	199.4350, 17.0405, -5.6435
Hunter-Lab	75.3378, 2.2122, -14.7981

Details

The Yxy color **56.7578, 0.2841, 0.2850** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.4737, 0.3396, 0.3695**, and the grayscale version is **57.2929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7946, 0.3097, 0.3271**, and **28.0493, 0.2768, 0.2738** is the 20% darker color. If you saturate the color by 10%, you get **44.8442, 0.2653, 0.2556**, and if you desaturate by 10%, it is **70.5744, 0.3011, 0.3113**.

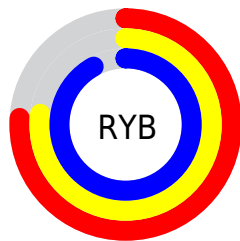
Distribution



Red (76%)

Green (77%)

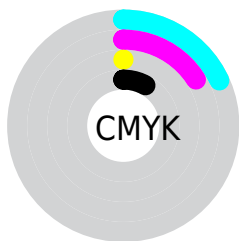
Blue (92%)



Red (76%)

Yellow (77%)

Blue (92%)

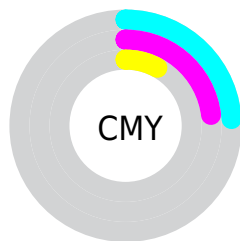


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (23%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7578, 0.2841, 0.2850 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 56.7578, 0.2841, 0.2850 by changing the saturation by 10% instead.

■ 56.7578, 0.2841,
0.2850

■ 56.7578, 0.2841,
0.2850

■ 412.5411, 0.2979,
0.3058

■ 40.8108, 0.2808,
0.2801

■ 100.1117, 0.2890,
0.2923

■ 28.1713, 0.2766,
0.2741

■ 128.2874, 0.2909,
0.2951

■ 18.4548, 0.2713,
0.2664

■ 161.3081, 0.2925,
0.2975

■ 11.2770, 0.2641,
0.2562

■ 199.5583, 0.2939,
0.2996

■ 6.2535, 0.2539,
0.2421

■ 243.4223, 0.2951,
0.3015

■ 2.9998, 0.2386,
0.2215

■ 293.2845, 0.2962,

■ 1.1316, 0.2134,

0.3031

0.1891

349.5293, 0.2971,
0.3045

0.0048, 0.1061,
0.0031

0.0000, 0.0000,
0.0000

56.7578, 0.2841,
0.2850

56.7578, 0.2841,
0.2850

44.8442, 0.2653,
0.2556

70.5744, 0.3011,
0.3113

34.7436, 0.2451,
0.2236

86.3648, 0.3163,
0.3344

26.3689, 0.2242,
0.1900

98.7205, 0.3250,
0.3493

19.6235, 0.2036,
0.1564

■ 14.4009, 0.1848,
0.1250

■ 10.5821, 0.1693,
0.0982

■ 8.0302, 0.1583,
0.0781

■ 6.5771, 0.1521,
0.0657

■ 6.3510, 0.1510,
0.0637

Harmonies

Analogous

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



56.7578, 0.2675, 0.2895



56.7578, 0.2841, 0.2850



56.7578, 0.3088, 0.2914

Triad

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



56.7578, 0.2841, 0.2850



56.7578, 0.3655, 0.3498



56.7578, 0.2892, 0.3528

Complementary

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



56.7578, 0.2841, 0.2850



78.4737, 0.3396, 0.3695

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.



56.7578, 0.3148, 0.3709



56.7578, 0.2841, 0.2850



56.7578, 0.3594, 0.3678

Square

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



56.7578, 0.2841, 0.2850



56.7578, 0.3567, 0.3277



56.7578, 0.3406, 0.3761



56.7578, 0.2704, 0.3279

Rectangle

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



56.7578, 0.2841, 0.2850



56.7578, 0.3269, 0.3008



56.7578, 0.3406, 0.3761



56.7578, 0.2973, 0.3599

Sweetspot

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



56.7601, 0.2841, 0.2850



90.3584, 0.3051, 0.3174



75.9256, 0.2883, 0.3327



19.0609, 0.3040, 0.3157



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.



56.7601, 0.2841, 0.2850



63.5596, 0.2776, 0.2749



57.7823, 0.2965, 0.2831



14.7278, 0.2980, 0.3065



3.6362, 0.1513, 0.0648



0.3481, 0.1548, 0.0772

Inverse Universe

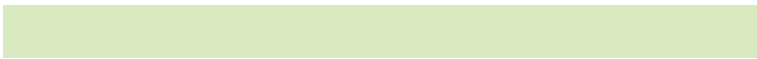
The Inverse Universe completely reimagines the original color for something new.



59.6083, 0.3441, 0.3257



67.6711, 0.3521, 0.3250



77.4319, 0.3269, 0.3743



15.0721, 0.3281, 0.3273



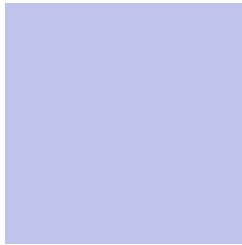
9.8599, 0.6320, 0.3255



0.7806, 0.6115, 0.3142

Previews

White Background



This preview shows how the Yxy color 56.7578, 0.2841, 0.2850 looks on a white background.

Color Contrast Check

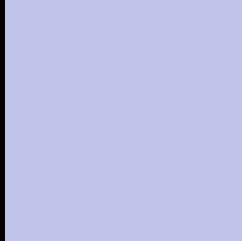
Large Text (above 18pt) WCAG AA × Fail

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 56.7578, 0.2841, 0.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

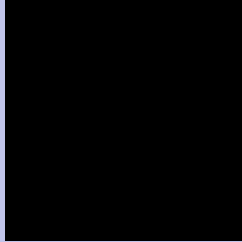
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7578, 0.2841, 0.2850

Background



This preview shows how black text looks on a background with the Yxy color 56.7578, 0.2841, 0.2850.



This preview shows how white text looks on a background with the Yxy color 56.7578, 0.2841, 0.2850.

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

56.7578, 0.2841, 0.2850

Protanopia

56.9494, 0.2828, 0.2860

Deuteranopia

56.8034, 0.2891, 0.2833



Tritanopia

56.7003, 0.2946, 0.3098

Trichromacy



Original Color

56.7578, 0.2841, 0.2850

Protanomaly

57.0795, 0.2835, 0.2861

Deuteranomaly

56.8410, 0.2869, 0.2842

Tritanomaly

56.7385, 0.2906, 0.3006

Monochromacy



Original Color

56.7578, 0.2841, 0.2850

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0119, 0.3019, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7578, 0.2841, 0.2850 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 234) }
```

Border

The CSS property to change the border of an element to Yxy 56.7578, 0.2841, 0.2850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

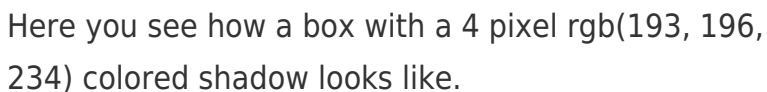
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 196, 234) }
```

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

```
.border{ border-color:rgb(193, 196, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 196, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 196, 234); box-shadow:4px 4px 4px 4px rgb(193, 196, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7578, 0.2841, 0.2850 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, 234) }
```

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

```
.background{ background-color: rgb(193,  
196, 234) }
```

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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