

Converting Colors

$Yxy(56.0882, 0.2901, 0.2879)$

Have a look what the booklet for
Yxy(56.0882, 0.2901, 0.2879)
contains.

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Color

Yxy(56.1110, 0.2902, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	C5C2E5
RGB	197, 194, 229
RGB Percent	77%, 76%, 90%
CMY	0.2274, 0.2392, 0.1019
CMYK	0.14, 0.15, 0.00, 0.10
HSL	245°, 40%, 83%
HSV	245°, 15%, 90%
XYZ	56.4612, 56.1110, 81.9874
YIQ	198.8870, -9.4470, 11.5210

Conversions

Conversions Part 2

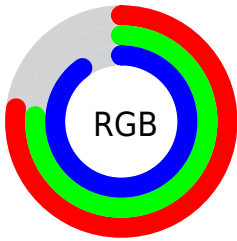
Format	Color
RYP	197, 194, 229
Decimal	12960485
CIELab	79.68, 7.91, -16.99
CIELCh	80, 18.745, 294.971
Yxy	56.1110, 0.2902, 0.2884
Android (android.graphics.Color)	4291150565 (0xFFC5C2E5)
YUV	198.8870, 14.8457, -1.6549
Hunter-Lab	74.9073, 3.4563, -12.4589

Details

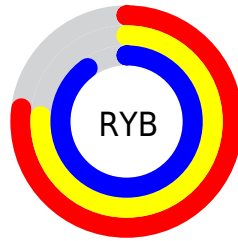
The Yxy color **56.1110, 0.2902, 0.2884** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.1076, 0.3334, 0.3671**, and the grayscale version is **56.9540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6620, 0.3123, 0.3242**, and **27.6129, 0.2847, 0.2783** is the 20% darker color. If you saturate the color by 10%, you get **44.0597, 0.2730, 0.2578**, and if you desaturate by 10%, it is **70.1303, 0.3055, 0.3158**.

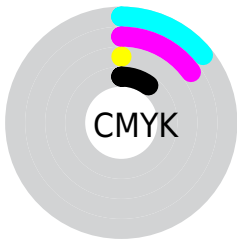
Distribution



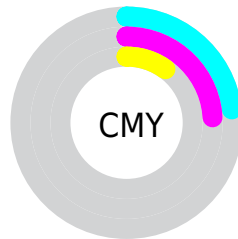
- Red (77%)
- Green (76%)
- Blue (90%)



- Red (77%)
- Yellow (76%)
- Blue (90%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (10%)



- Cyan (23%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1110, 0.2902, 0.2884 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 56.1110, 0.2902, 0.2884 by changing the saturation by 10% instead.

■ 56.1110, 0.2902,
0.2884

■ 56.1110, 0.2902,
0.2884

410.1097, 0.3012,
0.3076

■ 40.2919, 0.2876,
0.2839

■ 99.1669, 0.2941,
0.2952

■ 27.7662, 0.2842,
0.2783

127.1724, 0.2956,
0.2978

■ 18.1495, 0.2799,
0.2711

160.0089, 0.2969,
0.3000

■ 11.0574, 0.2740,
0.2616

198.0608, 0.2980,
0.3019

■ 6.1054, 0.2657,
0.2484

241.7124, 0.2989,
0.3036

■ 2.9093, 0.2529,
0.2289

291.3482, 0.2998,

■ 1.0846, 0.2313,

0.3051

0.1978

347.3525, 0.3005,
0.3065

0.0000, 0.1206,
0.0000

0.0000, 0.0000,
0.0000

56.1110, 0.2902,
0.2884

56.1110, 0.2902,
0.2884

44.0597, 0.2730,
0.2578

70.1303, 0.3055,
0.3158

33.8817, 0.2540,
0.2246

86.1928, 0.3187,
0.3400

25.4848, 0.2337,
0.1898

98.4375, 0.3280,
0.3542

18.7664, 0.2131,
0.1552

■ 13.6131, 0.1936,
0.1230

■ 9.8979, 0.1765,
0.0959

■ 7.4735, 0.1633,
0.0761

■ 6.1607, 0.1548,
0.0645

■ 5.8023, 0.1523,
0.0613

Harmonies

Analogous

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



56.1110, 0.2729, 0.2906



56.1110, 0.2902, 0.2884



56.1110, 0.3141, 0.2961

Triad

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



56.1110, 0.2902, 0.2884



56.1110, 0.3617, 0.3522



56.1110, 0.2868, 0.3468

Complementary

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



56.1110, 0.2902, 0.2884



76.1076, 0.3334, 0.3671

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.



56.1110, 0.3098, 0.3653



56.1110, 0.2902, 0.2884



56.1110, 0.3535, 0.3675

Square

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



56.1110, 0.2902, 0.2884



56.1110, 0.3562, 0.3320



56.1110, 0.3343, 0.3728



56.1110, 0.2710, 0.3235

Rectangle

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



56.1110, 0.2902, 0.2884



56.1110, 0.3307, 0.3059



56.1110, 0.3343, 0.3728



56.1110, 0.2939, 0.3538

Sweetspot

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



56.1133, 0.2902, 0.2884



89.9888, 0.3058, 0.3165



71.5689, 0.2894, 0.3256



18.9716, 0.3048, 0.3147



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.



56.1133, 0.2902, 0.2884



67.0209, 0.2855, 0.2801



58.6025, 0.3033, 0.2900



13.9459, 0.2993, 0.3048



3.3385, 0.1529, 0.0616



0.2672, 0.1603, 0.0657

Inverse Universe

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



60.7358, 0.3167, 0.2944



73.8793, 0.3175, 0.2879



73.4329, 0.3209, 0.3686



14.5928, 0.3151, 0.3078



12.1761, 0.3436, 0.1667



0.9061, 0.3399, 0.1646

Previews

White Background



This preview shows how the Yxy color 56.1110, 0.2902, 0.2884 looks on a white background.

Color Contrast Check

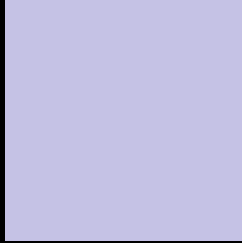
Large Text (above 18pt) WCAG AA × Fail

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 56.1110, 0.2902, 0.2884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

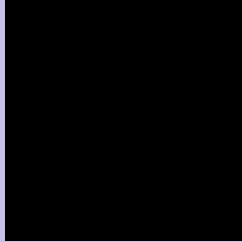
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1110, 0.2902, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 56.1110, 0.2902, 0.2884.



This preview shows how white text looks on a background with the Yxy color 56.1110, 0.2902, 0.2884.

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

56.1110, 0.2902, 0.2884

Protanopia

56.2694, 0.2853, 0.2892

Deuteranopia

56.2146, 0.2931, 0.2876



Tritanopia

56.1553, 0.2997, 0.3111

Trichromacy



Original Color

56.1110, 0.2902, 0.2884

Protanomaly

56.0808, 0.2867, 0.2882

Deuteranomaly

56.0764, 0.2924, 0.2875

Tritanomaly

56.1439, 0.2963, 0.3030

Monochromacy



Original Color

56.1110, 0.2902, 0.2884

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5914, 0.3041, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1110, 0.2902, 0.2884 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(197, 194, 229)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 229)  
}
```

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(197, 194, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 229) }
```

Border

The CSS property to change the border of an element to Yxy 56.1110, 0.2902, 0.2884 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(197, 194, 229) }
```

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

```
.border{ border-color:rgb(197, 194, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 194, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 229);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1110, 0.2902, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 229) }
```

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

```
.background{ background-color: rgb(197,  
194, 229) }
```

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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