

Converting Colors

Yxy(56.2468, 0.2929, 0.2871)

Have a look what the booklet for
Yxy(56.2468, 0.2929, 0.2871)
contains.

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Color

Yxy(56.2146, 0.2931, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	C9C1E5
RGB	201, 193, 229
RGB Percent	79%, 76%, 90%
CMY	0.2120, 0.2431, 0.1020
CMYK	0.12, 0.16, 0.00, 0.10
HSL	253°, 41%, 83%
HSV	253°, 16%, 90%
XYZ	57.2896, 56.2146, 81.9568
YIQ	199.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

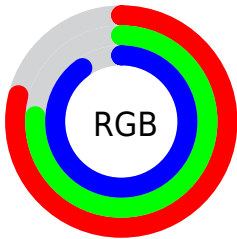
Format	Color
R _Y B	201, 193, 229
Decimal	13222373
CIE Lab	79.74, 9.71, -16.87
CIE LCh	80, 19.461, 299.914
Yxy	56.2146, 0.2931, 0.2876
Android (android.graphics.Color)	4291412453 (0xFFC9C1E5)
YUV	199.4960, 14.5455, 1.3190
Hunter-Lab	74.9764, 5.1836, -12.3265

Details

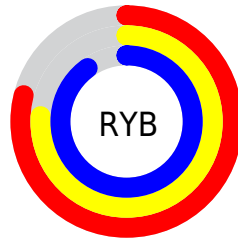
The Yxy color $56.2146, 0.2931, 0.2876$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $75.2709, 0.3305, 0.3686$, and the grayscale version is $57.3428, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $27.9763, 0.2886, 0.2788$ is the 20% darker color. If you saturate the color by 10%, you get $44.5314, 0.2783, 0.2577$, and if you desaturate by 10%, it is $69.7577, 0.3061, 0.3148$.

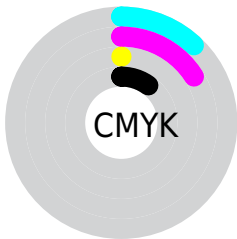
Distribution



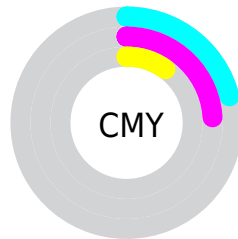
- Red (79%)
- Green (76%)
- Blue (90%)



- Red (79%)
- Yellow (76%)
- Blue (90%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2146, 0.2931, 0.2876 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 56.2146, 0.2931, 0.2876 by changing the saturation by 10% instead.

■ 56.2146, 0.2931,
0.2876

■ 56.2146, 0.2931,
0.2876

410.4997, 0.3027,
0.3072

■ 40.3750, 0.2908,
0.2830

■ 99.3183, 0.2965,
0.2945

■ 27.8311, 0.2878,
0.2774

127.3511, 0.2978,
0.2971

■ 18.1983, 0.2840,
0.2701

160.2172, 0.2990,
0.2994

■ 11.0925, 0.2788,
0.2605

198.3009, 0.2999,
0.3014

■ 6.1291, 0.2714,
0.2472

241.9866, 0.3007,
0.3031

■ 2.9237, 0.2599,
0.2277

291.6587, 0.3015,

■ 1.0920, 0.2404,

0.3046

0.1967

347.7016, 0.3021,
0.3060

0.0000, 0.1528,
0.0000

0.0000, 0.0000,
0.0000

56.2146, 0.2931,
0.2876

56.2146, 0.2931,
0.2876

44.5314, 0.2783,
0.2577

69.7577, 0.3061,
0.3148

34.6193, 0.2618,
0.2255

85.2301, 0.3173,
0.3391

26.3928, 0.2439,
0.1922

98.3436, 0.3276,
0.3542

19.7563, 0.2252,
0.1591

98.4370, 0.3280,
0.3542

■ 14.6048, 0.2068,
0.1283

■ 10.8201, 0.1898,
0.1020

■ 8.2654, 0.1753,
0.0821

■ 6.7738, 0.1643,
0.0696

■ 6.3473, 0.1607,
0.0659

Harmonies

Analogous

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



56.2146, 0.2737, 0.2881



56.2146, 0.2931, 0.2876



56.2146, 0.3185, 0.2972

Triad

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



56.2146, 0.2931, 0.2876



56.2146, 0.3631, 0.3561



56.2146, 0.2825, 0.3436

Complementary

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



56.2146, 0.2931, 0.2876



75.2709, 0.3305, 0.3686

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.



56.2146, 0.3055, 0.3642



56.2146, 0.2931, 0.2876



56.2146, 0.3524, 0.3706

Square

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



56.2146, 0.2931, 0.2876



56.2146, 0.3597, 0.3356



56.2146, 0.3311, 0.3741



56.2146, 0.2678, 0.3194

Rectangle

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



56.2146, 0.2931, 0.2876



56.2146, 0.3354, 0.3080



56.2146, 0.3311, 0.3741



56.2146, 0.2895, 0.3513

Sweetspot

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



56.2169, 0.2931, 0.2876



90.2965, 0.3069, 0.3165



68.8170, 0.2886, 0.3201



19.0461, 0.3061, 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.



56.2169, 0.2931, 0.2876



66.4149, 0.2883, 0.2777



58.8359, 0.3066, 0.2893



14.0396, 0.3014, 0.3049



3.6726, 0.1618, 0.0665



0.3118, 0.1757, 0.0742

Inverse Universe

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



60.0308, 0.3204, 0.2985



72.2190, 0.3224, 0.2917



72.6149, 0.3178, 0.3702



14.5580, 0.3171, 0.3109



11.3928, 0.3858, 0.1899



0.8554, 0.3744, 0.1836

Previews

White Background



This preview shows how the Yxy color 56.2146, 0.2931, 0.2876 looks on a white background.

Color Contrast Check

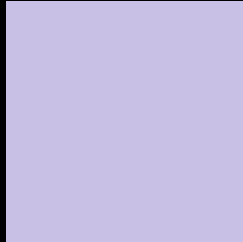
Large Text (above 18pt) WCAG AA × Fail

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 56.2146, 0.2931, 0.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

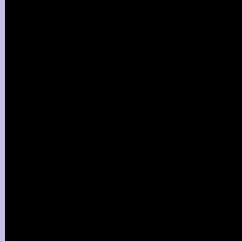
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2146, 0.2931, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 56.2146, 0.2931, 0.2876.



This preview shows how white text looks on a background with the Yxy color 56.2146, 0.2931, 0.2876.

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

56.2146, 0.2931, 0.2876

Protanopia

56.3257, 0.2846, 0.2881

Deuteranopia

56.3536, 0.2939, 0.2877



Tritanopia

56.2391, 0.3027, 0.3100

Trichromacy



Original Color

56.2146, 0.2931, 0.2876

Protanomaly

56.3455, 0.2881, 0.2883

Deuteranomaly

56.3536, 0.2939, 0.2877

Tritanomaly

56.2343, 0.2993, 0.3020

Monochromacy



Original Color

56.2146, 0.2931, 0.2876

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8650, 0.3057, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2146, 0.2931, 0.2876 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(201, 193, 229)` looks like.

```
.text, #text, p{  
    color:rgb(201, 193, 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(201, 193, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 229) }
```

Border

The CSS property to change the border of an element to Yxy 56.2146, 0.2931, 0.2876 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(201, 193, 229) }
```

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

```
.border{ border-color:rgb(201, 193, 229) }
```

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

Here you see how a box with a 4 pixel rgb(201, 193, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 193, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 193, 229);  
box-shadow:4px 4px 4px 4px rgb(201, 193,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2146, 0.2931, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 229) }
```

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

```
.background{ background-color: rgb(201,  
193, 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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