

Converting Colors

Yxy(57.3163, 0.2884, 0.2876)

Have a look what the booklet for
Yxy(57.3163, 0.2884, 0.2876)
contains.

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Color

Yxy(57.1764, 0.2883, 0.2875)

Conversions

Conversions Part 1

Format	Color
Hex	C5C4E8
RGB	197, 196, 232
RGB Percent	77%, 77%, 91%
CMY	0.2274, 0.2314, 0.0902
CMYK	0.15, 0.16, 0.00, 0.09
HSL	242°, 44%, 84%
HSV	242°, 16%, 91%
XYZ	57.3355, 57.1764, 84.3625
YIQ	200.4030, -10.9600, 11.4080

Conversions

Conversions Part 2

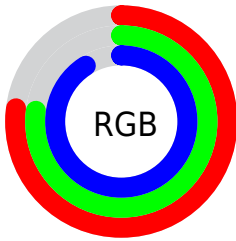
Format	Color
R _{YB}	197, 196, 232
Decimal	12961000
CIE Lab	80.28, 7.48, -17.70
CIE LCh	80, 19.211, 292.909
Yxy	57.1764, 0.2883, 0.2875
Android (android.graphics.Color)	4291151080 (0xFFC5C4E8)
YUV	200.4030, 15.5773, -2.9844
Hunter-Lab	75.6151, 3.0221, -13.2184

Details

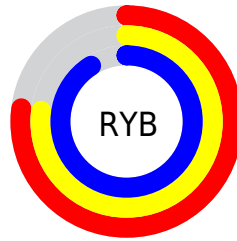
The Yxy color $57.1764, 0.2883, 0.2875$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $78.6892, 0.3352, 0.3675$, and the grayscale version is $57.9304, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.5414, 0.3122, 0.3271$, and $28.3202, 0.2822, 0.2772$ is the 20% darker color. If you saturate the color by 10%, you get $44.6898, 0.2700, 0.2565$, and if you desaturate by 10%, it is $71.7411, 0.3046, 0.3152$.

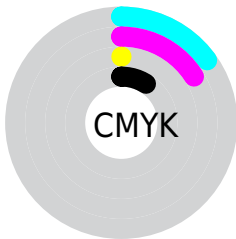
Distribution



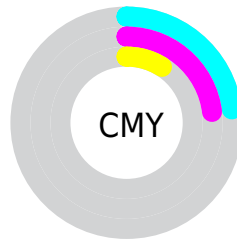
- Red (77%)
- Green (77%)
- Blue (91%)



- Red (77%)
- Yellow (77%)
- Blue (91%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1764, 0.2883, 0.2875 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 57.1764, 0.2883, 0.2875 by changing the saturation by 10% instead.

■ 57.1764, 0.2883,
0.2875

■ 57.1764, 0.2883,
0.2875

■ 414.1100, 0.3001,
0.3071

■ 41.1469, 0.2855,
0.2829

■ 100.7225, 0.2925,
0.2944

■ 28.4339, 0.2819,
0.2772

■ 129.0079, 0.2941,
0.2970

■ 18.6530, 0.2773,
0.2700

■ 162.1474, 0.2955,
0.2993

■ 11.4198, 0.2711,
0.2604

■ 200.5254, 0.2967,
0.3013

■ 6.3499, 0.2623,
0.2471

■ 244.5262, 0.2977,
0.3030

■ 3.0590, 0.2489,
0.2277

■ 294.5344, 0.2986,

■ 1.1626, 0.2267,

0.3045

0.1969

350.9341, 0.2994,
0.3059

0.0309, 0.1370,
0.0199

0.0000, 0.0000,
0.0000

57.1764, 0.2883,
0.2875

57.1764, 0.2883,
0.2875

44.6898, 0.2700,
0.2565

71.7411, 0.3046,
0.3152

34.1800, 0.2499,
0.2227

88.4650, 0.3188,
0.3395

25.5478, 0.2287,
0.1873

98.6066, 0.3262,
0.3513

18.6825, 0.2075,
0.1522

■ 13.4622, 0.1879,
0.1198

■ 9.7491, 0.1713,
0.0928

■ 7.3832, 0.1593,
0.0736

■ 6.1685, 0.1524,
0.0631

■ 5.8691, 0.1507,
0.0604

Harmonies

Analogous

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



57.1764, 0.2714, 0.2904



57.1764, 0.2883, 0.2875



57.1764, 0.3123, 0.2947

Triad

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



57.1764, 0.2883, 0.2875



57.1764, 0.3627, 0.3513



57.1764, 0.2878, 0.3486

Complementary

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



57.1764, 0.2883, 0.2875



78.6892, 0.3352, 0.3675

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.



57.1764, 0.3115, 0.3669



57.1764, 0.2883, 0.2875



57.1764, 0.3552, 0.3674

Square

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



57.1764, 0.2883, 0.2875



57.1764, 0.3561, 0.3305



57.1764, 0.3363, 0.3736



57.1764, 0.2711, 0.3250

Rectangle

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



57.1764, 0.2883, 0.2875



57.1764, 0.3294, 0.3043



57.1764, 0.3363, 0.3736



57.1764, 0.2952, 0.3557

Sweetspot

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



57.1788, 0.2883, 0.2875



89.8589, 0.3054, 0.3165



74.9421, 0.2892, 0.3283



18.9401, 0.3043, 0.3146



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.



57.1788, 0.2883, 0.2875



65.0268, 0.2820, 0.2768



59.6928, 0.3013, 0.2891



13.9066, 0.2984, 0.3047



3.2672, 0.1509, 0.0605



0.2484, 0.1535, 0.0619

Inverse Universe

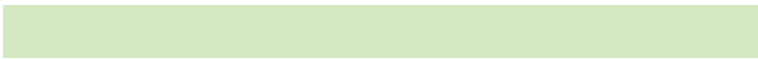
The Inverse Universe completely reimagines the original color for something new.



62.4049, 0.3153, 0.2917



72.7997, 0.3159, 0.2829



75.9091, 0.3228, 0.3691



14.6078, 0.3142, 0.3065



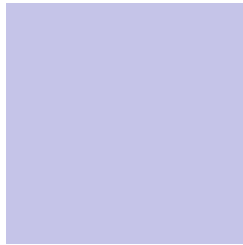
12.5583, 0.3281, 0.1581



0.9303, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 57.1764, 0.2883, 0.2875 looks on a white background.

Color Contrast Check

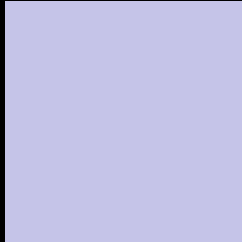
Large Text (above 18pt) WCAG AA × Fail

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 57.1764, 0.2883, 0.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

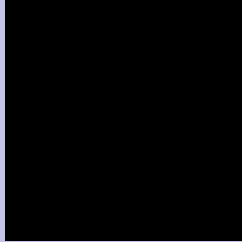
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1764, 0.2883, 0.2875

Background



This preview shows how black text looks on a background with the Yxy color 57.1764, 0.2883, 0.2875.



This preview shows how white text looks on a background with the Yxy color 57.1764, 0.2883, 0.2875.

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

57.1764, 0.2883, 0.2875

Protanopia

57.0222, 0.2841, 0.2872

Deuteranopia

56.9663, 0.2919, 0.2856



Tritanopia

57.2225, 0.2976, 0.3100

Trichromacy



Original Color

57.1764, 0.2883, 0.2875

Protanomaly

57.2850, 0.2855, 0.2874

Deuteranomaly

57.1358, 0.2904, 0.2866

Tritanomaly

57.2107, 0.2942, 0.3019

Monochromacy



Original Color

57.1764, 0.2883, 0.2875

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7424, 0.3034, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1764, 0.2883, 0.2875 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, 196, 232)` looks like.

```
.text, #text, p{  
    color:rgb(197, 196, 232)  
}
```

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, 196, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 196, 232) }
```

Border

The CSS property to change the border of an element to Yxy 57.1764, 0.2883, 0.2875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

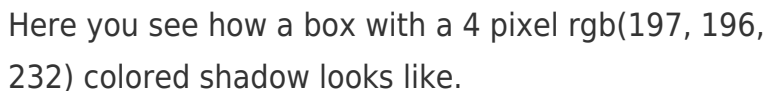
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 196, 232) }
```

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

```
.border{ border-color:rgb(197, 196, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 196, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 196, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 196, 232); box-shadow:4px 4px 4px 4px rgb(197, 196, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1764, 0.2883, 0.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 196, 232) }
```

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

```
.background{ background-color: rgb(197,  
196, 232) }
```

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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