

Converting Colors

$Yxy(58.1062, 0.2873, 0.2947)$

Have a look what the booklet for
Yxy(58.1062, 0.2873, 0.2947)
contains.

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Color

Yxy(58.3032, 0.2876, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	C1C8E5
RGB	193, 200, 229
RGB Percent	76%, 78%, 90%
CMY	0.2429, 0.2157, 0.1019
CMYK	0.16, 0.13, 0.00, 0.10
HSL	228°, 41%, 83%
HSV	228°, 16%, 90%
XYZ	56.8022, 58.3032, 82.3987
YIQ	201.2130, -13.4810, 7.5350

Conversions

Conversions Part 2

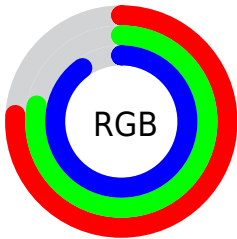
Format	Color
R_{YB}	193, 199, 229
Decimal	12699877
CIE _{Lab}	80.91, 3.46, -15.18
CIE _{LCh}	81, 15.564, 282.828
Yxy	58.3032, 0.2876, 0.2952
Android (android.graphics.Color)	4290889957 (0xFFC1C8E5)
YUV	201.2130, 13.6990, -7.2028
Hunter-Lab	76.3565, -0.8365, -10.5321

Details

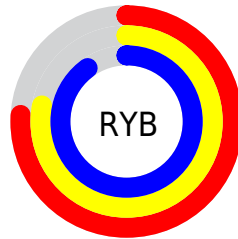
The Yxy color **58.3032, 0.2876, 0.2952** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.8039, 0.3374, 0.3607**, and the grayscale version is **58.4742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **29.1027, 0.2805, 0.2858** is the 20% darker color. If you saturate the color by 10%, you get **47.4715, 0.2697, 0.2702**, and if you desaturate by 10%, it is **70.6416, 0.3040, 0.3175**.

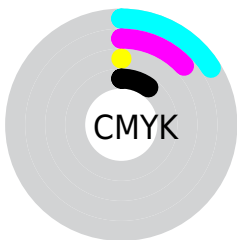
Distribution



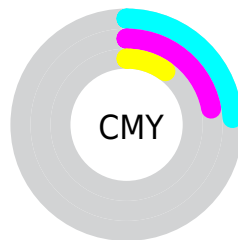
- Red (76%)
- Green (78%)
- Blue (90%)



- Red (76%)
- Yellow (78%)
- Blue (90%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3032, 0.2876, 0.2952 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 58.3032, 0.2876, 0.2952 by changing the saturation by 10% instead.

■ 58.3032, 0.2876,
0.2952

■ 58.3032, 0.2876,
0.2952

418.3148, 0.2997,
0.3113

■ 42.0525, 0.2847,
0.2914

■ 102.3643, 0.2919,
0.3009

■ 29.1424, 0.2811,
0.2867

130.9434, 0.2935,
0.3030

■ 19.1885, 0.2765,
0.2807

164.4007, 0.2949,
0.3049

■ 11.8066, 0.2703,
0.2727

203.1207, 0.2961,
0.3065

■ 6.6121, 0.2615,
0.2615

247.4877, 0.2972,
0.3079

■ 3.2207, 0.2483,
0.2450

297.8861, 0.2981,

■ 1.2480, 0.2265,

0.3092

0.2182

354.7003, 0.2989,
0.3103

0.1004, 0.1227,
0.0685

0.0000, 0.0000,
0.0000

58.3032, 0.2876,
0.2952

58.3032, 0.2876,
0.2952

47.4715, 0.2697,
0.2702

70.6416, 0.3040,
0.3175

38.0811, 0.2507,
0.2428

84.5344, 0.3189,
0.3371

30.0725, 0.2312,
0.2135

98.4380, 0.3280,
0.3542

23.3789, 0.2118,
0.1832

■ 17.9282, 0.1936,
0.1533

■ 13.6407, 0.1778,
0.1255

■ 10.4270, 0.1655,
0.1016

■ 8.1831, 0.1572,
0.0830

■ 7.4676, 0.1547,
0.0767

Harmonies

Analogous

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



58.3032, 0.2765, 0.3007



58.3032, 0.2876, 0.2952



58.3032, 0.3056, 0.2983

Triad

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



58.3032, 0.2876, 0.2952



58.3032, 0.3523, 0.3418



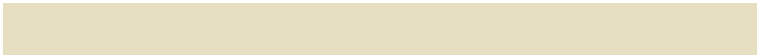
58.3032, 0.2987, 0.3504

Complementary

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



58.3032, 0.2876, 0.2952



72.8039, 0.3374, 0.3607

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.



58.3032, 0.3188, 0.3622



58.3032, 0.2876, 0.2952



58.3032, 0.3501, 0.3565

Square

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



58.3032, 0.2876, 0.2952



58.3032, 0.3434, 0.3246



58.3032, 0.3377, 0.3643



58.3032, 0.2827, 0.3324

Rectangle

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



58.3032, 0.2876, 0.2952



58.3032, 0.3194, 0.3047



58.3032, 0.3377, 0.3643



58.3032, 0.3052, 0.3553

Sweetspot

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



58.3056, 0.2876, 0.2952



91.2684, 0.3051, 0.3189



72.6570, 0.2932, 0.3371



19.2812, 0.3040, 0.3174



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.



58.3056, 0.2876, 0.2952



69.4719, 0.2817, 0.2870



56.6408, 0.2953, 0.2879



14.3342, 0.2980, 0.3094



4.4004, 0.1552, 0.0788



0.4523, 0.1623, 0.1042

Inverse Universe

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



58.9969, 0.3368, 0.3214



70.6197, 0.3431, 0.3196



74.8407, 0.3284, 0.3689



14.4131, 0.3262, 0.3245



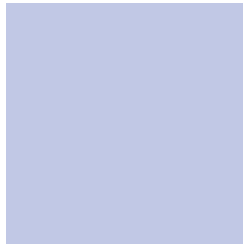
9.6419, 0.6089, 0.3128



0.7253, 0.5695, 0.2911

Previews

White Background



This preview shows how the Yxy color 58.3032, 0.2876, 0.2952 looks on a white background.

Color Contrast Check

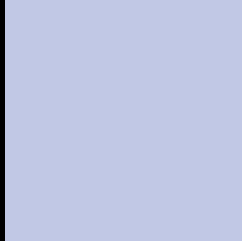
Large Text (above 18pt) WCAG AA × Fail

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 58.3032, 0.2876, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

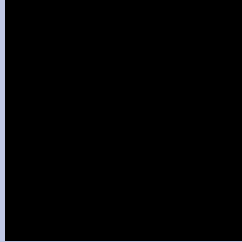
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3032, 0.2876, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 58.3032, 0.2876, 0.2952.

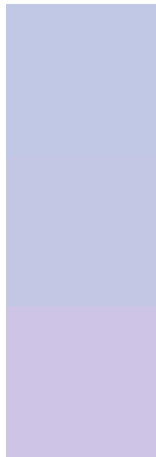


This preview shows how white text looks on a background with the Yxy color 58.3032, 0.2876, 0.2952.

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

58.3032, 0.2876, 0.2952

Protanopia

58.1840, 0.2903, 0.2954

Deuteranopia

58.3148, 0.2962, 0.2904



Tritanopia

58.3794, 0.2934, 0.3100

Trichromacy



Original Color

58.3032, 0.2876, 0.2952

Protanomaly

58.0504, 0.2896, 0.2953

Deuteranomaly

58.0632, 0.2926, 0.2912

Tritanomaly

58.2537, 0.2915, 0.3042

Monochromacy



Original Color

58.3032, 0.2876, 0.2952

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4822, 0.3034, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3032, 0.2876, 0.2952 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, 200, 229)` looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 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(193, 200, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 229) }
```

Border

The CSS property to change the border of an element to Yxy 58.3032, 0.2876, 0.2952 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, 200, 229) }
```

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

```
.border{ border-color:rgb(193, 200, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 200, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 200, 229); box-shadow:4px 4px 4px 4px rgb(193, 200, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3032, 0.2876, 0.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 229) }
```

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

```
.background{ background-color: rgb(193,  
200, 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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