

Converting Colors

$Y_{xy}(59.5952, 0.2880, 0.2938)$

Have a look what the booklet for
Yxy(59.5952, 0.2880, 0.2938)
contains.

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Color

Yxy(59.3352, 0.2878, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	C4C9E8
RGB	196, 201, 232
RGB Percent	77%, 79%, 91%
CMY	0.2313, 0.2118, 0.0901
CMYK	0.16, 0.13, 0.00, 0.09
HSL	232°, 44%, 84%
HSV	232°, 16%, 91%
XYZ	58.2225, 59.3352, 84.7443
YIQ	203.0390, -12.9310, 8.5810

Conversions

Conversions Part 2

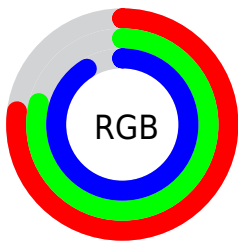
Format	Color
R _Y B	196, 200, 232
Decimal	12896744
CIE Lab	81.48, 4.49, -15.91
CIE LCh	81, 16.529, 285.751
Yxy	59.3352, 0.2878, 0.2933
Android (android.graphics.Color)	4291086824 (0xFFC4C9E8)
YUV	203.0390, 14.2778, -6.1732
Hunter-Lab	77.0293, 0.1177, -11.3077

Details

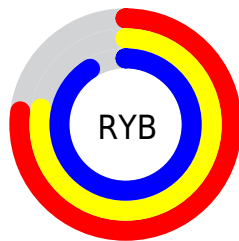
The Yxy color **59.3352, 0.2878, 0.2933** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.1080, 0.3368, 0.3624**, and the grayscale version is **59.6649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **29.7528, 0.2817, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **47.7400, 0.2697, 0.2666**, and if you desaturate by 10%, it is **72.6297, 0.3043, 0.3171**.

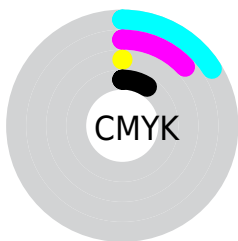
Distribution



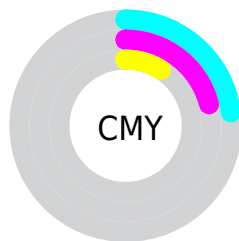
- Red (77%)
- Green (79%)
- Blue (91%)



- Red (77%)
- Yellow (78%)
- Blue (91%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3352, 0.2878, 0.2933 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 59.3352, 0.2878, 0.2933 by changing the saturation by 10% instead.

■ 59.3352, 0.2878,
0.2933

■ 59.3352, 0.2878,
0.2933

422.1430, 0.2997,
0.3102

■ 42.8830, 0.2850,
0.2894

103.8647, 0.2920,
0.2992

■ 29.7933, 0.2814,
0.2845

132.7108, 0.2936,
0.3015

■ 19.6818, 0.2768,
0.2782

166.4569, 0.2950,
0.3035

■ 12.1639, 0.2707,
0.2699

205.4876, 0.2962,
0.3052

■ 6.8554, 0.2621,
0.2584

250.1871, 0.2973,
0.3066

■ 3.3718, 0.2493,
0.2416

300.9400, 0.2982,

■ 1.3288, 0.2281,

0.3080

0.2147

358.1304, 0.2990,
0.3091

0.1633, 0.1508,
0.0930

0.0000, 0.0000,
0.0000

59.3352, 0.2878,
0.2933

59.3352, 0.2878,
0.2933

47.7400, 0.2697,
0.2666

72.6297, 0.3043,
0.3171

37.7682, 0.2502,
0.2373

87.6808, 0.3191,
0.3380

29.3491, 0.2300,
0.2061

98.6075, 0.3262,
0.3512

22.4038, 0.2100,
0.1741

■ 16.8464, 0.1913,
0.1430

■ 12.5819, 0.1752,
0.1149

■ 9.5029, 0.1628,
0.0916

■ 7.4839, 0.1550,
0.0749

■ 6.8653, 0.1526,
0.0695

Harmonies

Analogous

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



59.3352, 0.2752, 0.2982



59.3352, 0.2878, 0.2933



59.3352, 0.3073, 0.2975

Triad

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



59.3352, 0.2878, 0.2933



59.3352, 0.3548, 0.3442



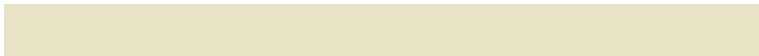
59.3352, 0.2960, 0.3500

Complementary

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



59.3352, 0.2878, 0.2933



76.1080, 0.3368, 0.3624

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.



59.3352, 0.3170, 0.3634



59.3352, 0.2878, 0.2933



59.3352, 0.3514, 0.3591

Square

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



59.3352, 0.2878, 0.2933



59.3352, 0.3465, 0.3261



59.3352, 0.3373, 0.3665



59.3352, 0.2799, 0.3306

Rectangle

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



59.3352, 0.2878, 0.2933



59.3352, 0.3218, 0.3046



59.3352, 0.3373, 0.3665



59.3352, 0.3027, 0.3554

Sweetspot

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



59.3377, 0.2878, 0.2933



90.8509, 0.3051, 0.3182



74.9896, 0.2924, 0.3350



19.1801, 0.3040, 0.3166



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.



59.3377, 0.2878, 0.2933



68.1353, 0.2815, 0.2841



58.8153, 0.2968, 0.2885



14.2070, 0.2980, 0.3081



3.9164, 0.1531, 0.0712



0.3921, 0.1590, 0.0925

Inverse Universe

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



60.8645, 0.3380, 0.3236



70.4847, 0.3451, 0.3223



76.8380, 0.3270, 0.3686



14.4003, 0.3271, 0.3258



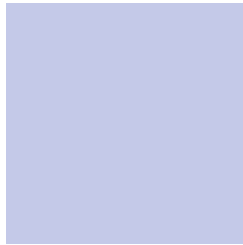
9.5931, 0.6213, 0.3197



0.7193, 0.5873, 0.3009

Previews

White Background



This preview shows how the Yxy color 59.3352, 0.2878, 0.2933 looks on a white background.

Color Contrast Check

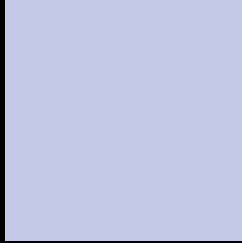
Large Text (above 18pt) WCAG AA × Fail

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 59.3352, 0.2878, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

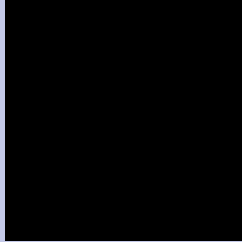
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3352, 0.2878, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 59.3352, 0.2878, 0.2933.



This preview shows how white text looks on a background with the Yxy color 59.3352, 0.2878, 0.2933.

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

59.3352, 0.2878, 0.2933

Protanopia

59.4698, 0.2885, 0.2934

Deuteranopia

59.0811, 0.2950, 0.2885



Tritanopia

59.2957, 0.2950, 0.3102

Trichromacy



Original Color

59.3352, 0.2878, 0.2933

Protanomaly

59.4698, 0.2885, 0.2934

Deuteranomaly

58.9679, 0.2921, 0.2893

Tritanomaly

59.2250, 0.2923, 0.3033

Monochromacy



Original Color

59.3352, 0.2878, 0.2933

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3755, 0.3028, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3352, 0.2878, 0.2933 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(196, 201, 232)` looks like.

```
.text, #text, p{  
    color:rgb(196, 201, 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(196, 201, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 201, 232) }
```

Border

The CSS property to change the border of an element to Yxy 59.3352, 0.2878, 0.2933 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(196, 201, 232) }
```

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

```
.border{ border-color:rgb(196, 201, 232) }
```

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

Here you see how a box with a 4 pixel rgb(196, 201, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 201, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 201, 232);  
box-shadow:4px 4px 4px 4px rgb(196, 201,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3352, 0.2878, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 201, 232) }
```

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

```
.background{ background-color: rgb(196,  
201, 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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