

Converting Colors

Yxy(58.4711, 0.2961, 0.3015)

Have a look what the booklet for
Yxy(58.4711, 0.2961, 0.3015)
contains.

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Color

Yxy(58.3167, 0.2959, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7DF
RGB	199, 199, 223
RGB Percent	78%, 78%, 87%
CMY	0.2193, 0.2197, 0.1255
CMYK	0.11, 0.11, 0.00, 0.13
HSL	240°, 27%, 83%
HSV	240°, 11%, 87%
XYZ	57.3096, 58.3167, 78.0526
YIQ	201.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

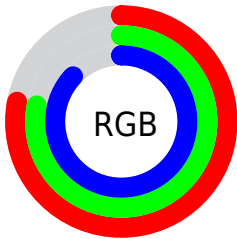
Format	Color
R _Y B	199, 199, 223
Decimal	13092831
CIE Lab	80.91, 4.67, -11.90
CIE LCh	81, 12.785, 291.442
Yxy	58.3167, 0.2959, 0.3011
Android (android.graphics.Color)	4291282911 (0xFFC7C7DF)
YUV	201.7360, 10.4832, -2.3995
Hunter-Lab	76.3654, 0.3187, -7.1442

Details

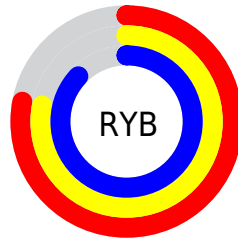
The Yxy color **58.3167, 0.2959, 0.3011** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5785, 0.3287, 0.3555**, and the grayscale version is **58.8337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.0977, 0.2913, 0.2936** is the 20% darker color. If you saturate the color by 10%, you get **45.9763, 0.2781, 0.2716**, and if you desaturate by 10%, it is **72.6097, 0.3116, 0.3271**.

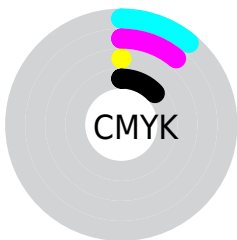
Distribution



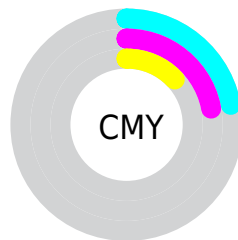
- Red (78%)
- Green (78%)
- Blue (87%)



- Red (78%)
- Yellow (78%)
- Blue (87%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3167, 0.2959, 0.3011 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 58.3167, 0.2959, 0.3011 by changing the saturation by 10% instead.

■ 58.3167, 0.2959,
0.3011

■ 58.3167, 0.2959,
0.3011

418.3650, 0.3040,
0.3144

■ 42.0633, 0.2940,
0.2980

102.3839, 0.2988,
0.3058

■ 29.1509, 0.2915,
0.2941

130.9665, 0.2999,
0.3076

■ 19.1950, 0.2883,
0.2891

164.4276, 0.3008,
0.3091

■ 11.8113, 0.2841,
0.2824

203.1517, 0.3016,
0.3104

■ 6.6153, 0.2780,
0.2731

247.5231, 0.3023,
0.3116

■ 3.2227, 0.2687,
0.2592

297.9261, 0.3030,

■ 1.2491, 0.2530,

0.3126

0.2364

354.7453, 0.3035,
0.3135

0.1012, 0.1677,
0.0808

0.0000, 0.0000,
0.0000

58.3167, 0.2959,
0.3011

58.3167, 0.2959,
0.3011

45.9763, 0.2781,
0.2716

72.6097, 0.3116,
0.3271

35.4970, 0.2584,
0.2390

88.9270, 0.3252,
0.3498

26.7905, 0.2373,
0.2040

98.1082, 0.3315,
0.3601

19.7589, 0.2157,
0.1683

■ 14.2948, 0.1951,
0.1341

■ 10.2781, 0.1770,
0.1042

■ 7.5716, 0.1630,
0.0812

■ 6.0116, 0.1541,
0.0667

■ 5.3331, 0.1501,
0.0601

Harmonies

Analogous

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



58.3167, 0.2847, 0.3037



58.3167, 0.2959, 0.3011



58.3167, 0.3118, 0.3056

Triad

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



58.3167, 0.2959, 0.3011



58.3167, 0.3456, 0.3436



58.3167, 0.2970, 0.3426

Complementary

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



58.3167, 0.2959, 0.3011



72.5785, 0.3287, 0.3555

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.



58.3167, 0.3130, 0.3541



58.3167, 0.2959, 0.3011



58.3167, 0.3413, 0.3542

Square

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



58.3167, 0.2959, 0.3011



58.3167, 0.3408, 0.3296



58.3167, 0.3292, 0.3583



58.3167, 0.2853, 0.3274

Rectangle

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



58.3167, 0.2959, 0.3011



58.3167, 0.3230, 0.3119



58.3167, 0.3292, 0.3583



58.3167, 0.3020, 0.3471

Sweetspot

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



58.3191, 0.2959, 0.3011



93.7985, 0.3082, 0.3216



70.2478, 0.2962, 0.3290



19.7310, 0.3070, 0.3195



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.



58.3191, 0.2959, 0.3011



74.9069, 0.2920, 0.2946



60.0161, 0.3048, 0.3019



13.2456, 0.2981, 0.3048



3.1365, 0.1501, 0.0601



0.2182, 0.1505, 0.0603

Inverse Universe

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



61.8526, 0.3140, 0.3027



80.6355, 0.3143, 0.2969



70.7508, 0.3200, 0.3562



13.9348, 0.3139, 0.3060



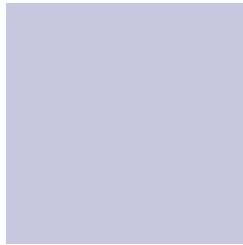
12.3328, 0.3218, 0.1546



0.8551, 0.3216, 0.1546

Previews

White Background



This preview shows how the Yxy color 58.3167, 0.2959, 0.3011 looks on a white background.

Color Contrast Check

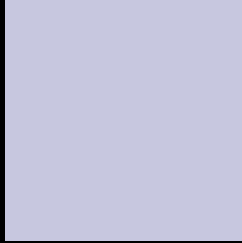
Large Text (above 18pt) WCAG AA × Fail

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 58.3167, 0.2959, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

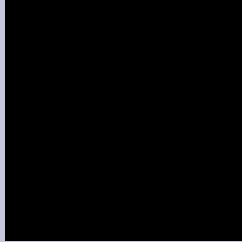
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

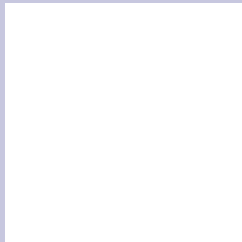
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3167, 0.2959, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 58.3167, 0.2959, 0.3011.

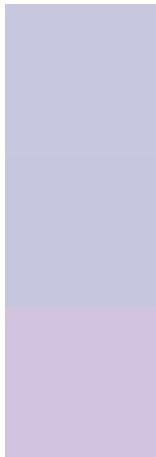


This preview shows how white text looks on a background with the Yxy color 58.3167, 0.2959, 0.3011.

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

58.3167, 0.2959, 0.3011

Protanopia

58.1803, 0.2951, 0.3011

Deuteranopia

58.1137, 0.3034, 0.2961



Tritanopia

58.2722, 0.2999, 0.3102

Trichromacy



Original Color

58.3167, 0.2959, 0.3011

Protanomaly

58.1803, 0.2951, 0.3011

Deuteranomaly

57.9835, 0.3004, 0.2970

Tritanomaly

58.4288, 0.2978, 0.3068

Monochromacy



Original Color

58.3167, 0.2959, 0.3011

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8439, 0.3063, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3167, 0.2959, 0.3011 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(199, 199, 223)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 223)  
}
```

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(199, 199, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 223) }
```

Border

The CSS property to change the border of an element to Yxy 58.3167, 0.2959, 0.3011 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(199, 199, 223) }
```

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

```
.border{ border-color:rgb(199, 199, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 223);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3167, 0.2959, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 223) }
```

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

```
.background{ background-color: rgb(199,  
199, 223) }
```

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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