

Converting Colors

Yxy(57.0233, 0.2914, 0.2944)

Have a look what the booklet for
Yxy(57.0233, 0.2914, 0.2944)
contains.

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Color

Yxy(57.1593, 0.2916, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	C4C5E2
RGB	196, 197, 226
RGB Percent	77%, 77%, 89%
CMY	0.2313, 0.2275, 0.1137
CMYK	0.13, 0.13, 0.00, 0.11
HSL	238°, 34%, 83%
HSV	238°, 13%, 89%
XYZ	56.4622, 57.1593, 80.0075
YIQ	200.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

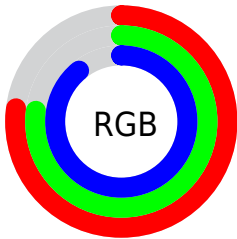
Format	Color
R _Y B	196, 197, 226
Decimal	12895714
CIE Lab	80.27, 5.36, -14.50
CIE LCh	80, 15.456, 290.306
Yxy	57.1593, 0.2916, 0.2952
Android (android.graphics.Color)	4291085794 (0xFFC4C5E2)
YUV	200.0070, 12.8145, -3.5141
Hunter-Lab	75.6038, 1.0004, -9.8209

Details

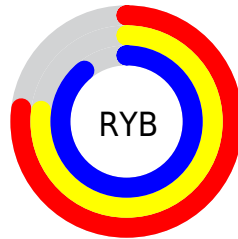
The Yxy color **57.1593, 0.2916, 0.2952** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.0176, 0.3326, 0.3607**, and the grayscale version is **57.6906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9863, 0.3115, 0.3280**, and **28.3360, 0.2857, 0.2857** is the 20% darker color. If you saturate the color by 10%, you get **45.1364, 0.2734, 0.2659**, and if you desaturate by 10%, it is **71.0833, 0.3078, 0.3212**.

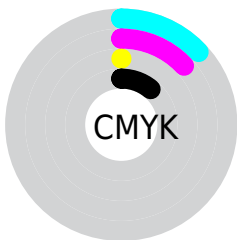
Distribution



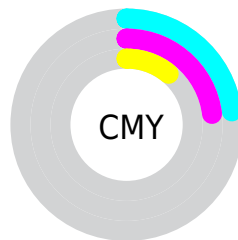
- Red (77%)
- Green (77%)
- Blue (89%)



- Red (77%)
- Yellow (77%)
- Blue (89%)



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



- Cyan (23%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1593, 0.2916, 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 57.1593, 0.2916, 0.2952 by changing the saturation by 10% instead.

■ 57.1593, 0.2916,
0.2952

■ 57.1593, 0.2916,
0.2952

414.0460, 0.3018,
0.3113

■ 41.1332, 0.2892,
0.2914

100.6976, 0.2952,
0.3009

■ 28.4231, 0.2861,
0.2867

128.9785, 0.2966,
0.3030

■ 18.6449, 0.2821,
0.2807

162.1132, 0.2978,
0.3049

■ 11.4140, 0.2767,
0.2726

200.4859, 0.2988,
0.3065

■ 6.3460, 0.2690,
0.2614

244.4812, 0.2997,
0.3079

■ 3.0566, 0.2573,
0.2447

294.4834, 0.3005,

■ 1.1613, 0.2376,

0.3092

0.2176

350.8768, 0.3012,
0.3103

0.0298, 0.1287,
0.0241

0.0000, 0.0000,
0.0000

57.1593, 0.2916,
0.2952

57.1593, 0.2916,
0.2952

45.1364, 0.2734,
0.2659

71.0833, 0.3078,
0.3212

34.9253, 0.2534,
0.2336

86.9784, 0.3221,
0.3440

26.4405, 0.2324,
0.1992

98.2710, 0.3298,
0.3572

19.5866, 0.2111,
0.1644

■ 14.2588, 0.1911,
0.1313

■ 10.3405, 0.1739,
0.1025

■ 7.6980, 0.1611,
0.0804

■ 6.1719, 0.1532,
0.0665

■ 5.6510, 0.1505,
0.0616

Harmonies

Analogous

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



57.1593, 0.2784, 0.2985



57.1593, 0.2916, 0.2952



57.1593, 0.3107, 0.3004

Triad

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



57.1593, 0.2916, 0.2952



57.1593, 0.3528, 0.3459



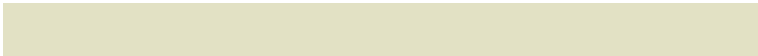
57.1593, 0.2942, 0.3463

Complementary

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



57.1593, 0.2916, 0.2952



74.0176, 0.3326, 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.



57.1593, 0.3137, 0.3601



57.1593, 0.2916, 0.2952



57.1593, 0.3478, 0.3592

Square

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



57.1593, 0.2916, 0.2952



57.1593, 0.3465, 0.3289



57.1593, 0.3334, 0.3647



57.1593, 0.2799, 0.3276

Rectangle

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



57.1593, 0.2916, 0.2952



57.1593, 0.3245, 0.3078



57.1593, 0.3334, 0.3647



57.1593, 0.3003, 0.3517

Sweetspot

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



57.1617, 0.2916, 0.2952



91.9817, 0.3067, 0.3194



71.5676, 0.2931, 0.3301



19.3752, 0.3055, 0.3175



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.



57.1617, 0.2916, 0.2952



70.4180, 0.2866, 0.2872



58.6837, 0.3020, 0.2951



13.3146, 0.2981, 0.3056



3.2572, 0.1506, 0.0621



0.2514, 0.1523, 0.0684

Inverse Universe

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



59.6893, 0.3362, 0.3280



74.3881, 0.3422, 0.3277



72.3777, 0.3224, 0.3628



13.7077, 0.3287, 0.3283



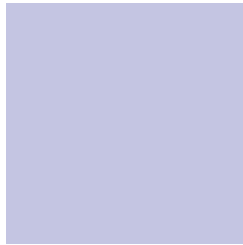
9.2369, 0.6364, 0.3280



0.6428, 0.6259, 0.3222

Previews

White Background



This preview shows how the Yxy color 57.1593, 0.2916, 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 57.1593, 0.2916, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

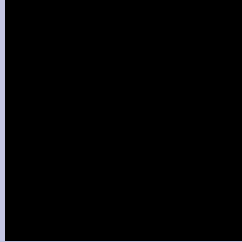
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

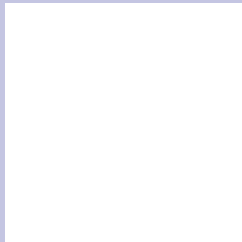
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1593, 0.2916, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 57.1593, 0.2916, 0.2952.



This preview shows how white text looks on a background with the Yxy color 57.1593, 0.2916, 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

57.1593, 0.2916, 0.2952

Protanopia

56.8928, 0.2901, 0.2951

Deuteranopia

57.1088, 0.2975, 0.2913



Tritanopia

57.2225, 0.2976, 0.3100

Trichromacy



Original Color

57.1593, 0.2916, 0.2952

Protanomaly

57.0256, 0.2909, 0.2951

Deuteranomaly

57.1328, 0.2953, 0.2922

Tritanomaly

57.1047, 0.2956, 0.3042

Monochromacy



Original Color

57.1593, 0.2916, 0.2952

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5924, 0.3056, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1593, 0.2916, 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(196, 197, 226)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 226)  
}
```

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, 197, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 226) }
```

Border

The CSS property to change the border of an element to Yxy 57.1593, 0.2916, 0.2952 is called "border". The border property can be set on classes, ids or directly on the HTML element.

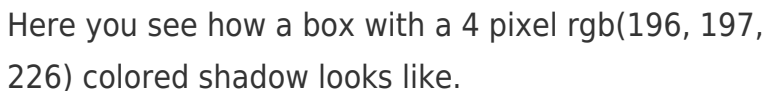
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 197, 226) }
```

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

```
.border{ border-color:rgb(196, 197, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 197, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 197, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 197, 226); box-shadow:4px 4px 4px 4px rgb(196, 197, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1593, 0.2916, 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(196, 197, 226) }
```

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

```
.background{ background-color: rgb(196,  
197, 226) }
```

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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