

Converting Colors

$Yxy(60.7372, 0.2894, 0.2948)$

Have a look what the booklet for
Yxy(60.7372, 0.2894, 0.2948)
contains.

Yxy(60.7372, 0.2894, 0.2948)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7372, 0.2894, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	C7CBE9
RGB	199, 203, 233
RGB Percent	78%, 80%, 91%
CMY	0.2194, 0.2039, 0.0863
CMYK	0.15, 0.13, 0.00, 0.09
HSL	233°, 44%, 85%
HSV	233°, 15%, 91%
XYZ	59.6246, 60.7372, 85.6666
YIQ	205.2240, -12.0140, 8.4820

Conversions

Conversions Part 2

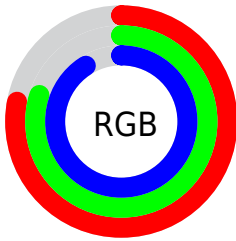
Format	Color
R _Y B	199, 203, 233
Decimal	13093865
CIE Lab	82.24, 4.59, -15.26
CIE LCh	82, 15.934, 286.724
Yxy	60.7372, 0.2894, 0.2948
Android (android.graphics.Color)	4291283945 (0xFFC7CBE9)
YUV	205.2240, 13.6936, -5.4584
Hunter-Lab	77.9341, 0.1795, -10.6189

Details

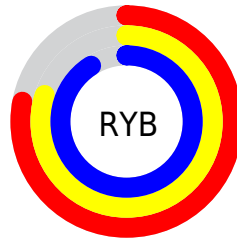
The Yxy color **60.7372, 0.2894, 0.2948** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.5122, 0.3351, 0.3610**, and the grayscale version is **61.1223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.6890, 0.2838, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **48.7048, 0.2713, 0.2677**, and if you desaturate by 10%, it is **74.5540, 0.3058, 0.3190**.

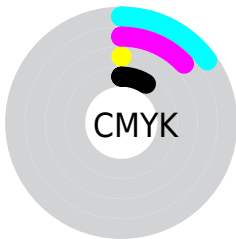
Distribution



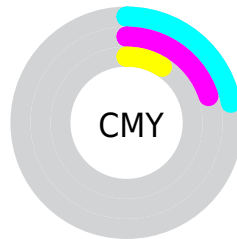
- Red (78%)
- Green (80%)
- Blue (91%)



- Red (78%)
- Yellow (80%)
- Blue (91%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7372, 0.2894, 0.2948 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 60.7372, 0.2894, 0.2948 by changing the saturation by 10% instead.

■ 60.7372, 0.2894,
0.2948

■ 60.7372, 0.2894,
0.2948

427.3098, 0.3005,
0.3109

■ 44.0131, 0.2868,
0.2911

105.8983, 0.2933,
0.3004

■ 30.6808, 0.2835,
0.2864

135.1042, 0.2948,
0.3026

■ 20.3559, 0.2792,
0.2805

169.2394, 0.2961,
0.3045

■ 12.6540, 0.2736,
0.2726

208.6883, 0.2973,
0.3061

■ 7.1907, 0.2657,
0.2618

253.8355, 0.2982,
0.3075

■ 3.5817, 0.2538,
0.2460

305.0652, 0.2991,

■ 1.4424, 0.2345,

0.3088

0.2208

362.7618, 0.2999,
0.3099

0.2477, 0.1753,
0.1250

0.0000, 0.0000,
0.0000

60.7372, 0.2894,
0.2948

60.7372, 0.2894,
0.2948

48.7048, 0.2713,
0.2677

74.5540, 0.3058,
0.3190

38.3766, 0.2518,
0.2378

90.2162, 0.3204,
0.3401

29.6776, 0.2314,
0.2060

98.6629, 0.3256,
0.3503

22.5240, 0.2111,
0.1733

■ 16.8245, 0.1920,
0.1417

■ 12.4783, 0.1755,
0.1131

■ 9.3713, 0.1628,
0.0898

■ 7.3699, 0.1547,
0.0732

■ 6.6714, 0.1520,
0.0671

Harmonies

Analogous

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



60.7372, 0.2771, 0.2992



60.7372, 0.2894, 0.2948



60.7372, 0.3082, 0.2990

Triad

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



60.7372, 0.2894, 0.2948



60.7372, 0.3530, 0.3441



60.7372, 0.2961, 0.3485

Complementary

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



60.7372, 0.2894, 0.2948



77.5122, 0.3351, 0.3610

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.



60.7372, 0.3162, 0.3615



60.7372, 0.2894, 0.2948



60.7372, 0.3494, 0.3582

Square

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



60.7372, 0.2894, 0.2948



60.7372, 0.3454, 0.3268



60.7372, 0.3357, 0.3649



60.7372, 0.2809, 0.3299

Rectangle

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



60.7372, 0.2894, 0.2948



60.7372, 0.3221, 0.3061



60.7372, 0.3357, 0.3649



60.7372, 0.3025, 0.3537

Sweetspot

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



60.7397, 0.2894, 0.2948



92.4998, 0.3067, 0.3202



76.0820, 0.2929, 0.3333



19.5057, 0.3055, 0.3185



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.



60.7397, 0.2894, 0.2948



70.6323, 0.2850, 0.2883



60.7559, 0.2987, 0.2913



14.8310, 0.2980, 0.3075



3.8767, 0.1524, 0.0686



0.3973, 0.1574, 0.0865

Inverse Universe

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



62.5014, 0.3368, 0.3248



73.1659, 0.3418, 0.3240



77.6129, 0.3253, 0.3661



15.0825, 0.3275, 0.3263



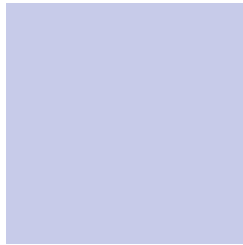
9.8842, 0.6256, 0.3220



0.7855, 0.5966, 0.3060

Previews

White Background



This preview shows how the Yxy color 60.7372, 0.2894, 0.2948 looks on a white background.

Color Contrast Check

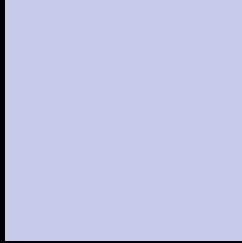
Large Text (above 18pt) WCAG AA × Fail

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 60.7372, 0.2894, 0.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

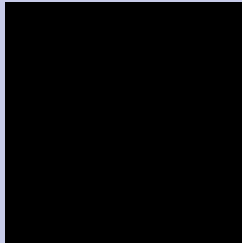
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7372, 0.2894, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 60.7372, 0.2894, 0.2948.



This preview shows how white text looks on a background with the Yxy color 60.7372, 0.2894, 0.2948.

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

60.7372, 0.2894, 0.2948

Protanopia

60.8744, 0.2901, 0.2949

Deuteranopia

60.4890, 0.2965, 0.2900



Tritanopia

60.7534, 0.2958, 0.3104

Trichromacy



Original Color

60.7372, 0.2894, 0.2948

Protanomaly

60.8744, 0.2901, 0.2949

Deuteranomaly

60.3709, 0.2936, 0.2908

Tritanomaly

60.6277, 0.2939, 0.3047

Monochromacy



Original Color

60.7372, 0.2894, 0.2948

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7885, 0.3043, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7372, 0.2894, 0.2948 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, 203, 233)` looks like.

```
.text, #text, p{  
    color:rgb(199, 203, 233)  
}
```

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, 203, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 203, 233) }
```

Border

The CSS property to change the border of an element to Yxy 60.7372, 0.2894, 0.2948 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, 203, 233) }
```

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

```
.border{ border-color:rgb(199, 203, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 203, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 203, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 203, 233);  
box-shadow:4px 4px 4px 4px rgb(199, 203,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7372, 0.2894, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 203, 233) }
```

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

```
.background{ background-color: rgb(199,  
203, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor