

Converting Colors

$Yxy(61.3732, 0.2968, 0.3039)$

Have a look what the booklet for
Yxy(61.3732, 0.2968, 0.3039)
contains.

Yxy(61.3732, 0.2968, 0.3039)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.3732, 0.2968, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	CBCCE2
RGB	203, 204, 226
RGB Percent	80%, 80%, 89%
CMY	0.2041, 0.1999, 0.1137
CMYK	0.10, 0.10, 0.00, 0.11
HSL	237°, 28%, 84%
HSV	237°, 10%, 89%
XYZ	59.9393, 61.3732, 80.6394
YIQ	206.2090, -7.6580, 6.6300

Conversions

Conversions Part 2

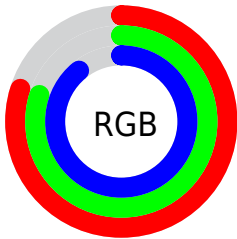
Format	Color
R _Y B	203, 204, 226
Decimal	13356258
CIE Lab	82.58, 3.86, -10.99
CIE LCh	83, 11.646, 289.377
Yxy	61.3732, 0.2968, 0.3039
Android (android.graphics.Color)	4291546338 (0xFFCBCCE2)
YUV	206.2090, 9.7570, -2.8143
Hunter-Lab	78.3410, -0.5251, -6.1907

Details

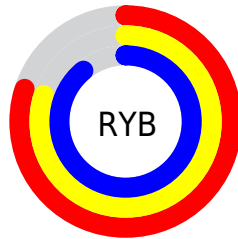
The Yxy color **61.3732, 0.2968, 0.3039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2955, 0.3280, 0.3529**, and the grayscale version is **61.7998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1425, 0.2927, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **48.8826, 0.2792, 0.2760**, and if you desaturate by 10%, it is **75.7497, 0.3124, 0.3285**.

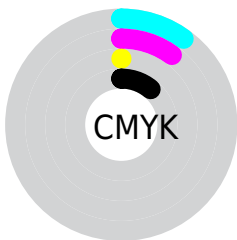
Distribution



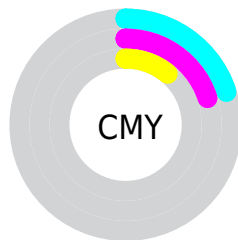
- Red (80%)
- Green (80%)
- Blue (89%)



- Red (80%)
- Yellow (80%)
- Blue (89%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3732, 0.2968, 0.3039 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 61.3732, 0.2968, 0.3039 by changing the saturation by 10% instead.

■ 61.3732, 0.2968,
0.3039

■ 61.3732, 0.2968,
0.3039

429.6410, 0.3044,
0.3157

■ 44.5264, 0.2950,
0.3011

106.8191, 0.2995,
0.3081

■ 31.0846, 0.2927,
0.2977

136.1870, 0.3005,
0.3097

■ 20.6633, 0.2898,
0.2933

170.4975, 0.3014,
0.3110

■ 12.8781, 0.2859,
0.2874

210.1348, 0.3022,
0.3122

■ 7.3446, 0.2805,
0.2793

255.4834, 0.3028,
0.3133

■ 3.6786, 0.2722,
0.2673

306.9278, 0.3034,

■ 1.4954, 0.2585,

0.3142

0.2479

364.8522, 0.3039,
0.3150

0.2855, 0.2108,
0.1646

0.0000, 0.0000,
0.0000

61.3732, 0.2968,
0.3039

61.3732, 0.2968,
0.3039

48.8826, 0.2792,
0.2760

75.7497, 0.3124,
0.3285

38.1923, 0.2599,
0.2450

92.0775, 0.3261,
0.3500

29.2215, 0.2392,
0.2116

98.2711, 0.3298,
0.3572

21.8807, 0.2180,
0.1771

■ 16.0716, 0.1975,
0.1434

■ 11.6860, 0.1794,
0.1129

■ 8.6011, 0.1650,
0.0883

■ 6.6734, 0.1554,
0.0712

■ 5.7178, 0.1506,
0.0622

Harmonies

Analogous

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



61.3732, 0.2871, 0.3067



61.3732, 0.2968, 0.3039



61.3732, 0.3109, 0.3075

Triad

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



61.3732, 0.2968, 0.3039



61.3732, 0.3421, 0.3413



61.3732, 0.2995, 0.3420

Complementary

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



61.3732, 0.2968, 0.3039



74.2955, 0.3280, 0.3529

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.



61.3732, 0.3140, 0.3519



61.3732, 0.2968, 0.3039



61.3732, 0.3388, 0.3511

Square

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



61.3732, 0.2968, 0.3039



61.3732, 0.3373, 0.3287



61.3732, 0.3284, 0.3551



61.3732, 0.2887, 0.3286

Rectangle

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



61.3732, 0.2968, 0.3039



61.3732, 0.3210, 0.3130



61.3732, 0.3284, 0.3551



61.3732, 0.3041, 0.3459

Sweetspot

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



61.3758, 0.2968, 0.3039



94.0104, 0.3082, 0.3219



72.5122, 0.2978, 0.3302



19.7879, 0.3070, 0.3200



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.



61.3758, 0.2968, 0.3039



77.4227, 0.2936, 0.2989



62.3761, 0.3044, 0.3033



13.3443, 0.2981, 0.3059



3.3091, 0.1509, 0.0630



0.2657, 0.1533, 0.0718

Inverse Universe

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



63.2198, 0.3299, 0.3279



80.2673, 0.3335, 0.3277



73.2464, 0.3204, 0.3546



13.7107, 0.3285, 0.3280



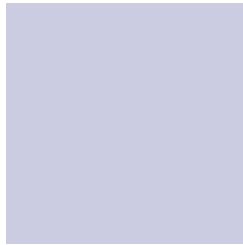
9.2421, 0.6349, 0.3271



0.6443, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 61.3732, 0.2968, 0.3039 looks on a white background.

Color Contrast Check

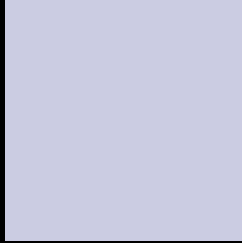
Large Text (above 18pt) WCAG AA × Fail

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 61.3732, 0.2968, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

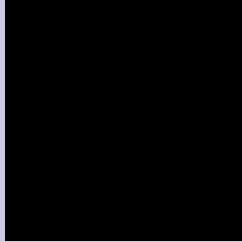
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

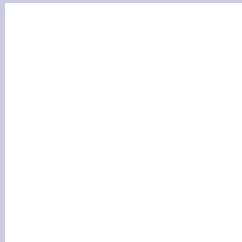
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3732, 0.2968, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 61.3732, 0.2968, 0.3039.

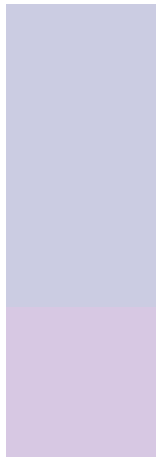


This preview shows how white text looks on a background with the Yxy color 61.3732, 0.2968, 0.3039.

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

61.3732, 0.2968, 0.3039

Protanopia

61.3732, 0.2968, 0.3039

Deuteranopia

61.3017, 0.3050, 0.2990



Tritanopia

61.4397, 0.2995, 0.3106

Trichromacy



Original Color

61.3732, 0.2968, 0.3039

Protanomaly

61.3732, 0.2968, 0.3039

Deuteranomaly

61.1682, 0.3020, 0.2998

Tritanomaly

61.5469, 0.2981, 0.3083

Monochromacy



Original Color

61.3732, 0.2968, 0.3039

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.4459, 0.3071, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3732, 0.2968, 0.3039 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(203, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 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(203, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 226) }
```

Border

The CSS property to change the border of an element to Yxy 61.3732, 0.2968, 0.3039 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(203, 204, 226) }
```

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

```
.border{ border-color:rgb(203, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3732, 0.2968, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 226) }
```

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

```
.background{ background-color: rgb(203,  
204, 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](#).

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