

Converting Colors

$Yxy(60.2982, 0.2915, 0.3051)$

Have a look what the booklet for
Yxy(60.2982, 0.2915, 0.3051)
contains.

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Color

Yxy(60.0913, 0.2910, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	C2CCE1
RGB	194, 204, 225
RGB Percent	76%, 80%, 88%
CMY	0.2394, 0.2000, 0.1175
CMYK	0.14, 0.09, 0.00, 0.12
HSL	221°, 34%, 82%
HSV	221°, 14%, 88%
XYZ	57.4272, 60.0913, 79.8257
YIQ	203.4040, -12.7010, 4.4110

Conversions

Conversions Part 2

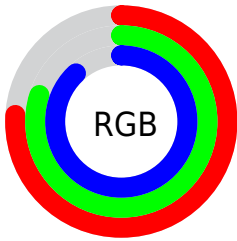
Format	Color
R _Y B	194, 202, 225
Decimal	12766433
CIE Lab	81.89, 0.77, -11.57
CIE LCh	82, 11.593, 273.795
Yxy	60.0913, 0.2910, 0.3045
Android (android.graphics.Color)	4290956513 (0xFFC2CCE1)
YUV	203.4040, 10.6468, -8.2473
Hunter-Lab	77.5186, -3.4215, -6.7916

Details

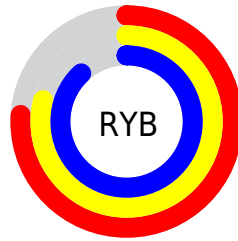
The Yxy color **60.0913, 0.2910, 0.3045** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4960, 0.3348, 0.3524**, and the grayscale version is **59.9246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **30.2904, 0.2852, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **50.4518, 0.2740, 0.2842**, and if you desaturate by 10%, it is **70.8940, 0.3070, 0.3227**.

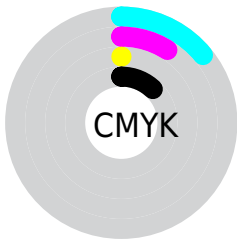
Distribution



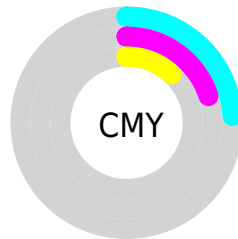
- Red (76%)
- Green (80%)
- Blue (88%)



- Red (76%)
- Yellow (79%)
- Blue (88%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0913, 0.2910, 0.3045 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 60.0913, 0.2910, 0.3045 by changing the saturation by 10% instead.

■ 60.0913, 0.2910,
0.3045

■ 60.0913, 0.2910,
0.3045

424.9342, 0.3014,
0.3162

■ 43.4922, 0.2886,
0.3018

■ 104.9621, 0.2947,
0.3086

■ 30.2715, 0.2855,
0.2983

134.0026, 0.2961,
0.3102

■ 20.0448, 0.2815,
0.2939

167.9591, 0.2973,
0.3115

■ 12.4276, 0.2763,
0.2880

207.2159, 0.2983,
0.3127

■ 7.0356, 0.2689,
0.2797

252.1574, 0.2992,
0.3137

■ 3.4844, 0.2578,
0.2674

303.1680, 0.3000,

■ 1.3895, 0.2393,

0.3146

0.2471

360.6322, 0.3007,
0.3155

0.2090, 0.1484,
0.1427

0.0000, 0.0000,
0.0000

60.0913, 0.2910,
0.3045

60.0913, 0.2910,
0.3045

50.4518, 0.2740,
0.2842

70.8940, 0.3070,
0.3227

41.9277, 0.2562,
0.2618

82.8907, 0.3217,
0.3387

34.4784, 0.2381,
0.2376

94.8722, 0.3310,
0.3531

28.0583, 0.2202,
0.2120

98.2178, 0.3303,
0.3581

■ 22.6178, 0.2033,
0.1859

■ 18.1029, 0.1882,
0.1602

■ 14.4531, 0.1757,
0.1361

■ 11.5990, 0.1664,
0.1148

■ 10.1757, 0.1620,
0.1033

Harmonies

Analogous

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



60.0913, 0.2846, 0.3106



60.0913, 0.2910, 0.3045



60.0913, 0.3032, 0.3048

Triad

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



60.0913, 0.2910, 0.3045



60.0913, 0.3406, 0.3349



60.0913, 0.3068, 0.3479

Complementary

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



60.0913, 0.2910, 0.3045



68.4960, 0.3348, 0.3524

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.



60.0913, 0.3218, 0.3546



60.0913, 0.2910, 0.3045



60.0913, 0.3416, 0.3466

Square

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



60.0913, 0.2910, 0.3045



60.0913, 0.3320, 0.3221



60.0913, 0.3346, 0.3540



60.0913, 0.2936, 0.3358

Rectangle

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



60.0913, 0.2910, 0.3045



60.0913, 0.3131, 0.3085



60.0913, 0.3346, 0.3540



60.0913, 0.3118, 0.3508

Sweetspot

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



60.0938, 0.2910, 0.3045



93.7925, 0.3066, 0.3223



70.2199, 0.2980, 0.3409



19.8318, 0.3054, 0.3210



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.



60.0938, 0.2910, 0.3045



75.3801, 0.2855, 0.2980



56.1663, 0.2945, 0.2929



13.9636, 0.2981, 0.3127



6.0506, 0.1628, 0.1060



0.5781, 0.1714, 0.1370

Inverse Universe

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



58.9395, 0.3302, 0.3178



73.6452, 0.3352, 0.3150



72.9517, 0.3295, 0.3635



13.7733, 0.3241, 0.3214



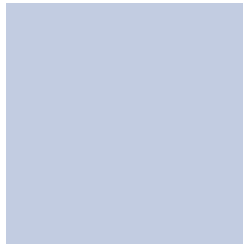
9.5189, 0.5669, 0.2896



0.6758, 0.5231, 0.2656

Previews

White Background



This preview shows how the Yxy color 60.0913, 0.2910, 0.3045 looks on a white background.

Color Contrast Check

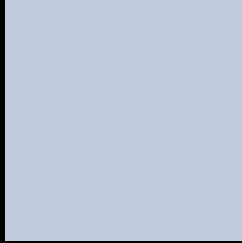
Large Text (above 18pt) WCAG AA × Fail

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 60.0913, 0.2910, 0.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

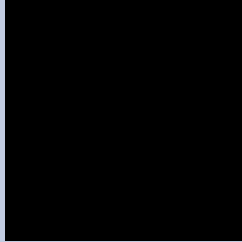
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0913, 0.2910, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 60.0913, 0.2910, 0.3045.



This preview shows how white text looks on a background with the Yxy color 60.0913, 0.2910, 0.3045.

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

60.0913, 0.2910, 0.3045

Protanopia

60.0404, 0.2967, 0.3037

Deuteranopia

60.0253, 0.3042, 0.2976



Tritanopia

60.2206, 0.2930, 0.3102

Trichromacy



Original Color

60.0913, 0.2910, 0.3045

Protanomaly

60.0995, 0.2945, 0.3047

Deuteranomaly

59.9214, 0.2990, 0.2994

Tritanomaly

60.2740, 0.2923, 0.3091

Monochromacy



Original Color

60.0913, 0.2910, 0.3045

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.6944, 0.3048, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0913, 0.2910, 0.3045 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(194, 204, 225)` looks like.

```
.text, #text, p{  
    color:rgb(194, 204, 225)  
}
```

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(194, 204, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 204, 225) }
```

Border

The CSS property to change the border of an element to Yxy 60.0913, 0.2910, 0.3045 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(194, 204, 225) }
```

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

```
.border{ border-color:rgb(194, 204, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 204, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 204, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 204, 225);  
box-shadow:4px 4px 4px 4px rgb(194, 204,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0913, 0.2910, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 204, 225) }
```

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

```
.background{ background-color: rgb(194,  
204, 225) }
```

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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