

Converting Colors

Yxy(61.0317, 0.2884, 0.3054)

Have a look what the booklet for
Yxy(61.0317, 0.2884, 0.3054)
contains.

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Color

Yxy(60.8951, 0.2884, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	C0CEE3
RGB	192, 206, 227
RGB Percent	75%, 81%, 89%
CMY	0.2471, 0.1921, 0.1097
CMYK	0.15, 0.09, 0.00, 0.11
HSL	216°, 39%, 82%
HSV	216°, 15%, 89%
XYZ	57.6754, 60.8951, 81.4134
YIQ	204.2080, -15.0850, 3.5630

Conversions

Conversions Part 2

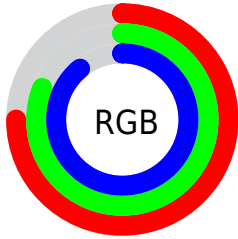
Format	Color
RYB	192, 202, 227
Decimal	12635875
CIELab	82.32, -0.50, -12.01
CIELCh	82, 12.016, 267.627
Yxy	60.8951, 0.2884, 0.3045
Android (android.graphics.Color)	4290825955 (0xFFC0CEE3)
YUV	204.2080, 11.2365, -10.7064
Hunter-Lab	78.0353, -4.6337, -7.2319

Details

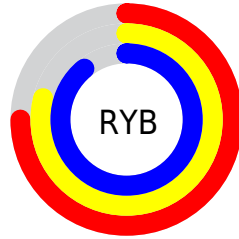
The Yxy color **60.8951, 0.2884, 0.3045** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7393, 0.3381, 0.3523**, and the grayscale version is **60.4575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **30.8383, 0.2819, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **51.8816, 0.2716, 0.2863**, and if you desaturate by 10%, it is **70.9393, 0.3044, 0.3209**.

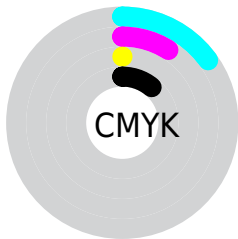
Distribution



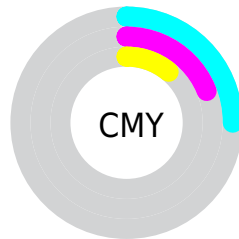
- Red (75%)
- Green (81%)
- Blue (89%)



- Red (75%)
- Yellow (79%)
- Blue (89%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8951, 0.2884, 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 60.8951, 0.2884, 0.3045 by changing the saturation by 10% instead.

■ 60.8951, 0.2884,
0.3045

■ 60.8951, 0.2884,
0.3045

■ 427.8893, 0.3000,
0.3162

■ 44.1405, 0.2857,
0.3018

■ 106.1270, 0.2925,
0.3086

■ 30.7810, 0.2823,
0.2983

■ 135.3732, 0.2940,
0.3102

■ 20.4321, 0.2779,
0.2939

■ 169.5520, 0.2954,
0.3115

■ 12.7096, 0.2721,
0.2880

■ 209.0478, 0.2965,
0.3127

■ 7.2289, 0.2640,
0.2798

■ 254.2450, 0.2976,
0.3137

■ 3.6056, 0.2519,
0.2675

■ 305.5281, 0.2984,

■ 1.4555, 0.2321,

0.3146

0.2472

363.2814, 0.2992,
0.3155

0.2571, 0.1436,
0.1590

0.0000, 0.0000,
0.0000

60.8951, 0.2884,
0.3045

60.8951, 0.2884,
0.3045

51.8816, 0.2716,
0.2863

70.9393, 0.3044,
0.3209

43.8560, 0.2544,
0.2663

82.0401, 0.3195,
0.3354

36.7834, 0.2371,
0.2447

93.2523, 0.3301,
0.3484

30.6236, 0.2203,
0.2218

98.3281, 0.3291,
0.3561

■ 25.3333, 0.2046,
0.1984

■ 20.8647, 0.1908,
0.1752

■ 17.1641, 0.1795,
0.1529

■ 14.1685, 0.1709,
0.1325

■ 12.9978, 0.1678,
0.1239

Harmonies

Analogous

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



60.8951, 0.2833, 0.3121



60.8951, 0.2884, 0.3045



60.8951, 0.2999, 0.3034

Triad

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



60.8951, 0.2884, 0.3045



60.8951, 0.3403, 0.3324



60.8951, 0.3097, 0.3505

Complementary

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



60.8951, 0.2884, 0.3045



67.7393, 0.3381, 0.3523

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.



60.8951, 0.3251, 0.3559



60.8951, 0.2884, 0.3045



60.8951, 0.3430, 0.3449

Square

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



60.8951, 0.2884, 0.3045



60.8951, 0.3300, 0.3193



60.8951, 0.3374, 0.3537



60.8951, 0.2955, 0.3388

Rectangle

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



60.8951, 0.2884, 0.3045



60.8951, 0.3099, 0.3064



60.8951, 0.3374, 0.3537



60.8951, 0.3150, 0.3531

Sweetspot

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



60.8976, 0.2884, 0.3045



92.8771, 0.3050, 0.3215



70.9682, 0.2978, 0.3451



19.6713, 0.3039, 0.3204



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.



60.8976, 0.2884, 0.3045



74.7747, 0.2823, 0.2980



54.9081, 0.2903, 0.2880



14.8285, 0.2981, 0.3145



7.7915, 0.1685, 0.1267



0.7535, 0.1766, 0.1557

Inverse Universe

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



58.4860, 0.3305, 0.3134



71.1550, 0.3357, 0.3095



74.5365, 0.3333, 0.3675



14.4630, 0.3230, 0.3196



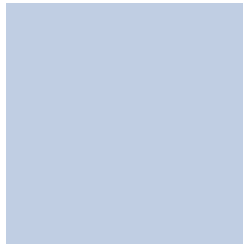
9.9843, 0.5372, 0.2733



0.7557, 0.4986, 0.2520

Previews

White Background



This preview shows how the Yxy color 60.8951, 0.2884, 0.3045 looks on a white background.

Color Contrast Check

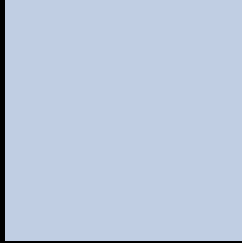
Large Text (above 18pt) WCAG AA × Fail

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 60.8951, 0.2884, 0.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

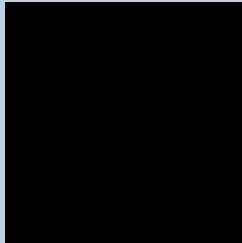
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

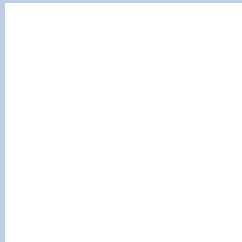
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8951, 0.2884, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 60.8951, 0.2884, 0.3045.



This preview shows how white text looks on a background with the Yxy color 60.8951, 0.2884, 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

60.8951, 0.2884, 0.3045

Protanopia

60.7047, 0.2968, 0.3038

Deuteranopia

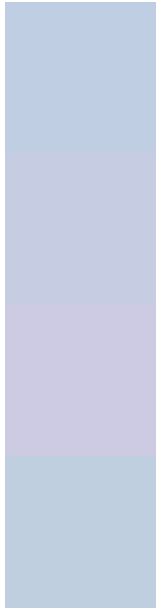
60.5944, 0.3028, 0.2966



Tritanopia

61.0297, 0.2903, 0.3102

Trichromacy



Original Color

60.8951, 0.2884, 0.3045

Protanomaly

60.6825, 0.2932, 0.3036

Deuteranomaly

60.8216, 0.2969, 0.2995

Tritanomaly

61.0838, 0.2897, 0.3091

Monochromacy



Original Color

60.8951, 0.2884, 0.3045

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6955, 0.3041, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8951, 0.2884, 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(192, 206, 227)` looks like.

```
.text, #text, p{  
    color:rgb(192, 206, 227)  
}
```

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(192, 206, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 206, 227) }
```

Border

The CSS property to change the border of an element to Yxy 60.8951, 0.2884, 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(192, 206, 227) }
```

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

```
.border{ border-color:rgb(192, 206, 227) }
```

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

Here you see how a box with a 4 pixel rgb(192, 206, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 206, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 206, 227);  
box-shadow:4px 4px 4px 4px rgb(192, 206,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8951, 0.2884, 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(192, 206, 227) }
```

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

```
.background{ background-color: rgb(192,  
206, 227) }
```

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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