

Converting Colors

Yxy(60.4601, 0.2807, 0.3060)

Have a look what the booklet for
Yxy(60.4601, 0.2807, 0.3060)
contains.

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Color

Yxy(60.4816, 0.2811, 0.3064)

Conversions

Conversions Part 1

Format	Color
Hex	B5D0E3
RGB	181, 208, 227
RGB Percent	71%, 82%, 89%
CMY	0.2900, 0.1844, 0.1098
CMYK	0.20, 0.08, 0.00, 0.11
HSL	205°, 45%, 80%
HSV	205°, 20%, 89%
XYZ	55.4875, 60.4816, 81.4251
YIQ	202.0930, -22.1910, 0.1850

Conversions

Conversions Part 2

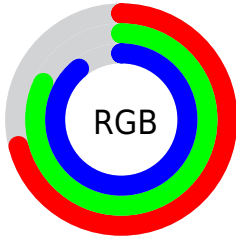
Format	Color
RYB	181, 198, 227
Decimal	11915491
CIELab	82.10, -4.96, -12.40
CIELCh	82, 13.354, 248.207
Yxy	60.4816, 0.2811, 0.3064
Android (android.graphics.Color)	4290105571 (0xFFB5D0E3)
YUV	202.0930, 12.2792, -18.4986
Hunter-Lab	77.7699, -8.7406, -7.6377

Details

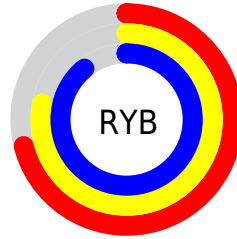
The Yxy color **60.4816, 0.2811, 0.3064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0138, 0.3488, 0.3506**, and the grayscale version is **59.0635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **30.6018, 0.2726, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **53.5125, 0.2653, 0.2935**, and if you desaturate by 10%, it is **68.1742, 0.2969, 0.3182**.

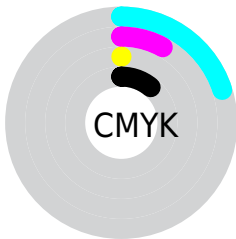
Distribution



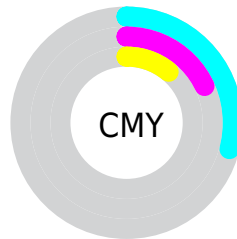
- Red (71%)
- Green (82%)
- Blue (89%)



- Red (71%)
- Yellow (78%)
- Blue (89%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4816, 0.2811, 0.3064 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 60.4816, 0.2811, 0.3064 by changing the saturation by 10% instead.

■ 60.4816, 0.2811,
0.3064

■ 60.4816, 0.2811,
0.3064

426.3707, 0.2961,
0.3173

■ 43.8069, 0.2776,
0.3038

■ 105.5280, 0.2864,
0.3103

■ 30.5188, 0.2732,
0.3005

134.6685, 0.2884,
0.3117

■ 20.2327, 0.2676,
0.2963

168.7330, 0.2901,
0.3130

■ 12.5643, 0.2602,
0.2907

208.1061, 0.2916,
0.3141

■ 7.1292, 0.2498,
0.2827

253.1719, 0.2930,
0.3150

■ 3.5430, 0.2346,
0.2706

304.3151, 0.2941,

■ 1.4214, 0.2099,

0.3159

0.2503

361.9198, 0.2952,
0.3166

0.2324, 0.0684,
0.1591

0.0000, 0.0000,
0.0000

60.4816, 0.2811,
0.3064

60.4816, 0.2811,
0.3064

53.5125, 0.2653,
0.2935

68.1742, 0.2969,
0.3182

47.2332, 0.2497,
0.2795

76.6075, 0.3124,
0.3288

41.6179, 0.2349,
0.2645

85.8075, 0.3273,
0.3382

36.6361, 0.2211,
0.2488

92.4566, 0.3302,
0.3472

■ 32.2541, 0.2090,
0.2327

■ 98.3040, 0.3292,
0.3561

■ 28.4340, 0.1988,
0.2165

■ 98.3263, 0.3292,
0.3562

■ 25.1314, 0.1908,
0.2006

■ 22.3362, 0.1849,
0.1855

Harmonies

Analogous

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



60.4816, 0.2809, 0.3187



60.4816, 0.2811, 0.3064



60.4816, 0.2895, 0.3005

Triad

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



60.4816, 0.2811, 0.3064



60.4816, 0.3368, 0.3231



60.4816, 0.3206, 0.3579

Complementary

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



60.4816, 0.2811, 0.3064



61.0138, 0.3488, 0.3506

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.



60.4816, 0.3360, 0.3583



60.4816, 0.2811, 0.3064



60.4816, 0.3456, 0.3378

Square

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



60.4816, 0.2811, 0.3064



60.4816, 0.3215, 0.3102



60.4816, 0.3453, 0.3508



60.4816, 0.3034, 0.3490

Rectangle

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



60.4816, 0.2811, 0.3064



60.4816, 0.2988, 0.3007



60.4816, 0.3453, 0.3508



60.4816, 0.3262, 0.3590

Sweetspot

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



60.4841, 0.2811, 0.3064



93.2390, 0.3034, 0.3228



68.9157, 0.2988, 0.3619



19.8041, 0.3024, 0.3221



0.0000, 0.0000, 0.0000



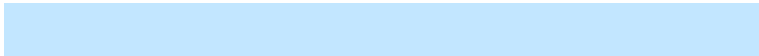
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.4841, 0.2811, 0.3064



75.0736, 0.2749, 0.3015



50.3499, 0.2793, 0.2789



15.2839, 0.2981, 0.3190



13.2612, 0.1855, 0.1878



1.1621, 0.1918, 0.2105

Inverse Universe

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



53.9575, 0.3302, 0.2989



65.4493, 0.3344, 0.2929



72.1311, 0.3441, 0.3746



14.5090, 0.3201, 0.3153



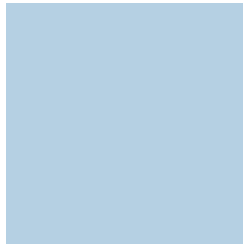
10.5364, 0.4593, 0.2304



0.7970, 0.4336, 0.2162

Previews

White Background



This preview shows how the Yxy color 60.4816, 0.2811, 0.3064 looks on a white background.

Color Contrast Check

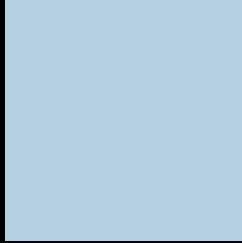
Large Text (above 18pt) WCAG AA × Fail

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 60.4816, 0.2811, 0.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

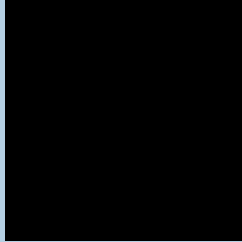
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

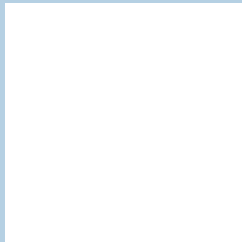
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4816, 0.2811, 0.3064

Background



This preview shows how black text looks on a background with the Yxy color 60.4816, 0.2811, 0.3064.



This preview shows how white text looks on a background with the Yxy color 60.4816, 0.2811, 0.3064.

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

60.4816, 0.2811, 0.3064

Protanopia

60.1794, 0.2974, 0.3037

Deuteranopia

60.0424, 0.3014, 0.2943



Tritanopia

60.3718, 0.2823, 0.3087

Trichromacy



Original Color

60.4816, 0.2811, 0.3064

Protanomaly

60.0913, 0.2910, 0.3045

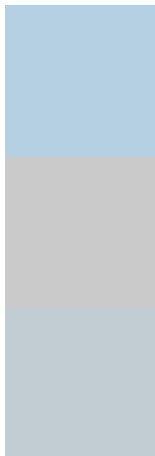
Deuteranomaly

60.2600, 0.2940, 0.2992

Tritanomaly

60.4265, 0.2817, 0.3076

Monochromacy



Original Color

60.4816, 0.2811, 0.3064

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3582, 0.3004, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4816, 0.2811, 0.3064 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(181, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(181, 208, 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(181, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 208, 227) }
```

Border

The CSS property to change the border of an element to Yxy 60.4816, 0.2811, 0.3064 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(181, 208, 227) }
```

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

```
.border{ border-color:rgb(181, 208, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(181, 208,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4816, 0.2811, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 208, 227) }
```

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

```
.background{ background-color: rgb(181,  
208, 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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