

Converting Colors

Yxy(60.8236, 0.2845, 0.3100)

Have a look what the booklet for
Yxy(60.8236, 0.2845, 0.3100)
contains.

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Color

Yxy(60.6839, 0.2849, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	B8D0E0
RGB	184, 208, 224
RGB Percent	72%, 82%, 88%
CMY	0.2786, 0.1843, 0.1215
CMYK	0.18, 0.07, 0.00, 0.12
HSL	204°, 39%, 80%
HSV	204°, 18%, 88%
XYZ	55.7705, 60.6839, 79.3002
YIQ	202.6480, -19.4400, -0.1120

Conversions

Conversions Part 2

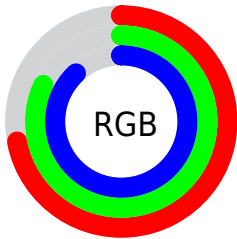
Format	Color
RYB	184, 199, 224
Decimal	12112096
CIELab	82.21, -4.72, -10.62
CIELCh	82, 11.620, 246.035
Yxy	60.6839, 0.2849, 0.3100
Android (android.graphics.Color)	4290302176 (0xFFB8D0E0)
YUV	202.6480, 10.5265, -16.3543
Hunter-Lab	77.8999, -8.5322, -5.8259

Details

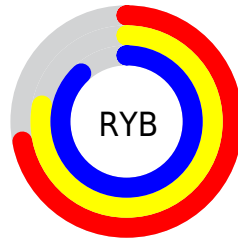
The Yxy color **60.6839, 0.2849, 0.3100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5939, 0.3441, 0.3473**, and the grayscale version is **59.4280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **30.7216, 0.2775, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **53.8961, 0.2691, 0.2978**, and if you desaturate by 10%, it is **68.1608, 0.3006, 0.3211**.

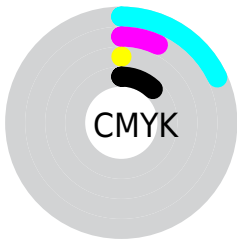
Distribution



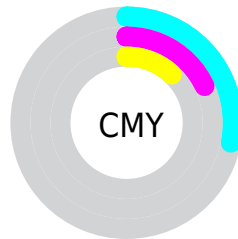
- Red (72%)
- Green (82%)
- Blue (88%)



- Red (72%)
- Yellow (78%)
- Blue (88%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6839, 0.2849, 0.3100 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 60.6839, 0.2849, 0.3100 by changing the saturation by 10% instead.

■ 60.6839, 0.2849,
0.3100

■ 60.6839, 0.2849,
0.3100

427.1140, 0.2981,
0.3192

■ 43.9701, 0.2818,
0.3078

■ 105.8211, 0.2895,
0.3133

■ 30.6470, 0.2780,
0.3051

135.0133, 0.2913,
0.3145

■ 20.3302, 0.2730,
0.3015

169.1338, 0.2929,
0.3156

■ 12.6353, 0.2664,
0.2967

208.5670, 0.2942,
0.3165

■ 7.1779, 0.2572,
0.2900

253.6972, 0.2953,
0.3173

■ 3.5736, 0.2436,
0.2797

304.9088, 0.2964,

■ 1.4380, 0.2214,

0.3180

0.2623

362.5863, 0.2973,
0.3186

0.2445, 0.0855,
0.1783

0.0000, 0.0000,
0.0000

60.6839, 0.2849,
0.3100

60.6839, 0.2849,
0.3100

53.8961, 0.2691,
0.2978

68.1608, 0.3006,
0.3211

47.7652, 0.2536,
0.2846

76.3424, 0.3159,
0.3310

42.2674, 0.2388,
0.2704

85.2531, 0.3308,
0.3399

37.3743, 0.2249,
0.2555

91.2217, 0.3323,
0.3485

■ 33.0546, 0.2126,
0.2401

■ 96.7306, 0.3312,
0.3570

■ 29.2731, 0.2021,
0.2244

■ 98.1623, 0.3309,
0.3591

■ 25.9893, 0.1938,
0.2090

■ 23.1483, 0.1875,
0.1940

■ 22.5858, 0.1863,
0.1908

Harmonies

Analogous

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



60.6839, 0.2853, 0.3211



60.6839, 0.2849, 0.3100



60.6839, 0.2918, 0.3043

Triad

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



60.6839, 0.2849, 0.3100



60.6839, 0.3328, 0.3230



60.6839, 0.3207, 0.3543

Complementary

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



60.6839, 0.2849, 0.3100



60.5939, 0.3441, 0.3473

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.



60.6839, 0.3338, 0.3542



60.6839, 0.2849, 0.3100



60.6839, 0.3410, 0.3359

Square

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



60.6839, 0.2849, 0.3100



60.6839, 0.3193, 0.3119



60.6839, 0.3413, 0.3473



60.6839, 0.3057, 0.3471

Rectangle

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



60.6839, 0.2849, 0.3100



60.6839, 0.2996, 0.3041



60.6839, 0.3413, 0.3473



60.6839, 0.3255, 0.3551

Sweetspot

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



60.6864, 0.2849, 0.3100



94.4558, 0.3050, 0.3240



67.6392, 0.3008, 0.3585



20.0548, 0.3039, 0.3233



0.0000, 0.0000, 0.0000



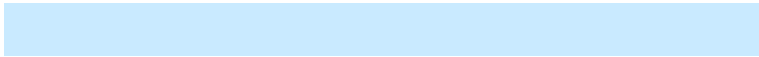
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6864, 0.2849, 0.3100



78.3268, 0.2797, 0.3061



51.8038, 0.2837, 0.2863



14.6059, 0.2981, 0.3194



13.3761, 0.1870, 0.1931



1.1009, 0.1934, 0.2162

Inverse Universe

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



54.6669, 0.3273, 0.3020



69.1618, 0.3305, 0.2968



70.1463, 0.3404, 0.3684



13.8381, 0.3199, 0.3150



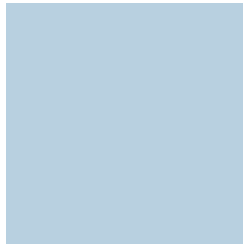
10.2584, 0.4532, 0.2270



0.7286, 0.4273, 0.2128

Previews

White Background



This preview shows how the Yxy color 60.6839, 0.2849, 0.3100 looks on a white background.

Color Contrast Check

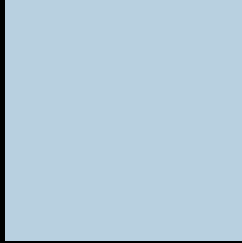
Large Text (above 18pt) WCAG AA × Fail

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 60.6839, 0.2849, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

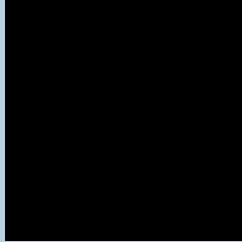
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

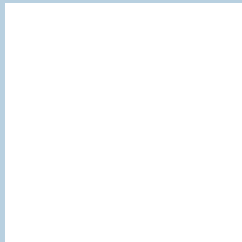
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6839, 0.2849, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 60.6839, 0.2849, 0.3100.



This preview shows how white text looks on a background with the Yxy color 60.6839, 0.2849, 0.3100.

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

60.6839, 0.2849, 0.3100

Protanopia

60.6288, 0.3002, 0.3083

Deuteranopia

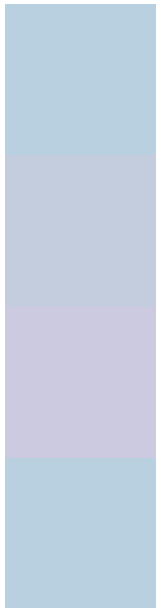
60.6340, 0.3050, 0.2988



Tritanopia

60.6839, 0.2849, 0.3100

Trichromacy



Original Color

60.6839, 0.2849, 0.3100

Protanomaly

60.6723, 0.2945, 0.3092

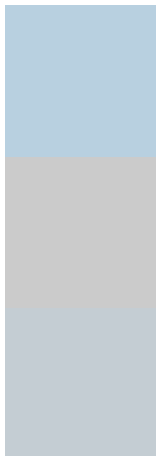
Deuteranomaly

60.3738, 0.2975, 0.3027

Tritanomaly

60.6839, 0.2849, 0.3100

Monochromacy



Original Color

60.6839, 0.2849, 0.3100

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1016, 0.3018, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6839, 0.2849, 0.3100 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(184, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 208, 224)  
}
```

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(184, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 208, 224) }
```

Border

The CSS property to change the border of an element to Yxy 60.6839, 0.2849, 0.3100 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(184, 208, 224) }
```

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

```
.border{ border-color:rgb(184, 208, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 208, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 208,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6839, 0.2849, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 208, 224) }
```

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

```
.background{ background-color: rgb(184,  
208, 224) }
```

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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