

Converting Colors

Yxy(61.0094, 0.2839, 0.3020)

Have a look what the booklet for
Yxy(61.0094, 0.2839, 0.3020)
contains.

Yxy(61.0302, 0.2839, 0.3022)	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(61.0302, 0.2839, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	BCCFE6
RGB	188, 207, 230
RGB Percent	74%, 81%, 90%
CMY	0.2626, 0.1882, 0.0982
CMYK	0.18, 0.10, 0.00, 0.10
HSL	213°, 46%, 82%
HSV	213°, 18%, 90%
XYZ	57.3345, 61.0302, 83.5884
YIQ	203.9410, -18.7070, 3.1250

Conversions

Conversions Part 2

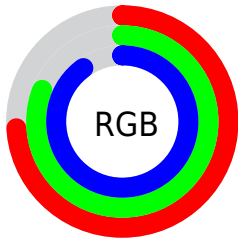
Format	Color
R _Y B	188, 201, 230
Decimal	12373990
CIE Lab	82.39, -1.65, -13.48
CIE LCh	82, 13.583, 263.038
Yxy	61.0302, 0.2839, 0.3022
Android (android.graphics.Color)	4290564070 (0xFFBCCFE6)
YUV	203.9410, 12.8471, -13.9803
Hunter-Lab	78.1218, -5.7101, -8.7535

Details

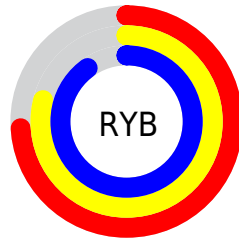
The Yxy color **61.0302, 0.2839, 0.3022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0274, 0.3436, 0.3544**, and the grayscale version is **60.2733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **30.9068, 0.2768, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **52.4816, 0.2673, 0.2852**, and if you desaturate by 10%, it is **70.5355, 0.3000, 0.3176**.

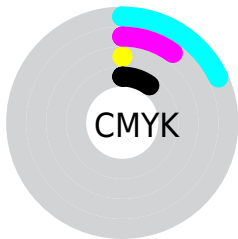
Distribution



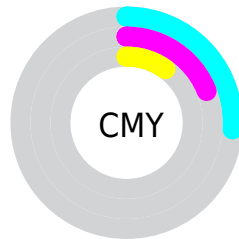
- Red (74%)
- Green (81%)
- Blue (90%)



- Red (74%)
- Yellow (79%)
- Blue (90%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (26%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0302, 0.2839, 0.3022 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 61.0302, 0.2839, 0.3022 by changing the saturation by 10% instead.

■ 61.0302, 0.2839,
0.3022

■ 61.0302, 0.2839,
0.3022

428.3847, 0.2976,
0.3150

■ 44.2495, 0.2807,
0.2992

■ 106.3227, 0.2887,
0.3067

■ 30.8667, 0.2767,
0.2954

135.6033, 0.2906,
0.3084

■ 20.4974, 0.2716,
0.2906

169.8193, 0.2921,
0.3099

■ 12.7571, 0.2648,
0.2841

209.3551, 0.2935,
0.3112

■ 7.2615, 0.2554,
0.2751

254.5952, 0.2947,
0.3123

■ 3.6262, 0.2414,
0.2617

305.9239, 0.2958,

■ 1.4667, 0.2188,

0.3133

0.2397

363.7256, 0.2967,
0.3142

0.2651, 0.1222,
0.1529

0.0000, 0.0000,
0.0000

61.0302, 0.2839,
0.3022

61.0302, 0.2839,
0.3022

52.4816, 0.2673,
0.2852

70.5355, 0.3000,
0.3176

44.8490, 0.2504,
0.2666

81.0215, 0.3154,
0.3313

38.0994, 0.2338,
0.2466

92.1363, 0.3285,
0.3435

32.1947, 0.2180,
0.2256

98.4907, 0.3274,
0.3533

■ 27.0933, 0.2035,
0.2041

■ 22.7492, 0.1910,
0.1827

■ 19.1097, 0.1809,
0.1622

■ 16.1052, 0.1734,
0.1431

■ 15.6250, 0.1722,
0.1399

Harmonies

Analogous

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



61.0302, 0.2795, 0.3117



61.0302, 0.2839, 0.3022



61.0302, 0.2959, 0.2999

Triad

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



61.0302, 0.2839, 0.3022



61.0302, 0.3426, 0.3304



61.0302, 0.3120, 0.3548

Complementary

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



61.0302, 0.2839, 0.3022



67.0274, 0.3436, 0.3544

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.



61.0302, 0.3291, 0.3596



61.0302, 0.2839, 0.3022



61.0302, 0.3471, 0.3449

Square

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



61.0302, 0.2839, 0.3022



61.0302, 0.3299, 0.3160



61.0302, 0.3421, 0.3558



61.0302, 0.2954, 0.3425

Rectangle

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



61.0302, 0.2839, 0.3022



61.0302, 0.3068, 0.3025



61.0302, 0.3421, 0.3558



61.0302, 0.3179, 0.3574

Sweetspot

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



61.0327, 0.2839, 0.3022



93.2886, 0.3050, 0.3222



71.9372, 0.2968, 0.3517



19.7712, 0.3039, 0.3212



0.0000, 0.0000, 0.0000



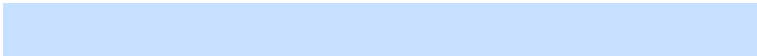
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0327, 0.2839, 0.3022



72.8148, 0.2775, 0.2958



52.5624, 0.2837, 0.2795



14.9560, 0.2981, 0.3158



9.0868, 0.1730, 0.1427



0.8550, 0.1808, 0.1707

Inverse Universe

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



57.2993, 0.3326, 0.3081



67.4583, 0.3379, 0.3033



76.7873, 0.3391, 0.3744



14.4759, 0.3222, 0.3184



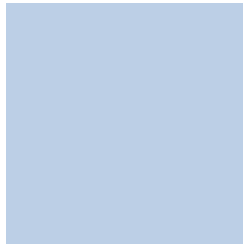
10.1150, 0.5154, 0.2613



0.7660, 0.4798, 0.2417

Previews

White Background



This preview shows how the Yxy color 61.0302, 0.2839, 0.3022 looks on a white background.

Color Contrast Check

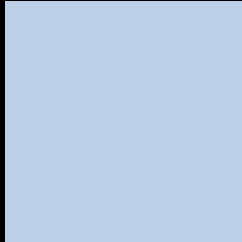
Large Text (above 18pt) WCAG AA × Fail

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 61.0302, 0.2839, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

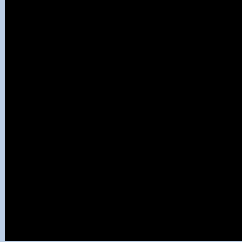
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

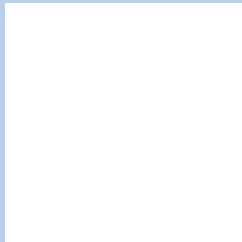
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0302, 0.2839, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 61.0302, 0.2839, 0.3022.



This preview shows how white text looks on a background with the Yxy color 61.0302, 0.2839, 0.3022.

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

61.0302, 0.2839, 0.3022

Protanopia

60.8699, 0.2948, 0.3005

Deuteranopia

60.6701, 0.2993, 0.2923



Tritanopia

61.0584, 0.2870, 0.3101

Trichromacy



Original Color

61.0302, 0.2839, 0.3022

Protanomaly

60.7132, 0.2906, 0.3002

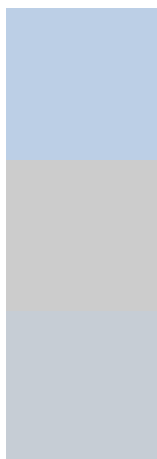
Deuteranomaly

60.7071, 0.2935, 0.2961

Tritanomaly

61.1675, 0.2857, 0.3078

Monochromacy



Original Color

61.0302, 0.2839, 0.3022

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4725, 0.3019, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0302, 0.2839, 0.3022 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(188, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(188, 207, 230)  
}
```

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(188, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 207, 230) }
```

Border

The CSS property to change the border of an element to Yxy 61.0302, 0.2839, 0.3022 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(188, 207, 230) }
```

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

```
.border{ border-color:rgb(188, 207, 230) }
```

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

Here you see how a box with a 4 pixel rgb(188, 207, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(188, 207,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0302, 0.2839, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 207, 230) }
```

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

```
.background{ background-color: rgb(188,  
207, 230) }
```

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