

Converting Colors

Yxy(61.6020, 0.2864, 0.3102)

Have a look what the booklet for
Yxy(61.6020, 0.2864, 0.3102)
contains.

Yxy(61.6020, 0.2864, 0.3102)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.6020, 0.2864, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	BBD1E1
RGB	187, 209, 225
RGB Percent	73%, 82%, 88%
CMY	0.2668, 0.1803, 0.1177
CMYK	0.17, 0.07, 0.00, 0.12
HSL	205°, 39%, 81%
HSV	205°, 17%, 88%
XYZ	56.8756, 61.6020, 80.1104
YIQ	204.2460, -18.2480, 0.3120

Conversions

Conversions Part 2

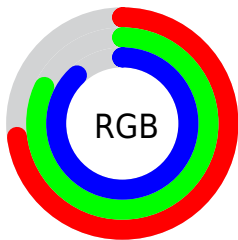
Format	Color
R _Y B	187, 201, 225
Decimal	12308961
CIE Lab	82.70, -4.10, -10.38
CIE LCh	83, 11.158, 248.460
Yxy	61.6020, 0.2864, 0.3102
Android (android.graphics.Color)	4290499041 (0xFFBBD1E1)
YUV	204.2460, 10.2317, -15.1247
Hunter-Lab	78.4869, -8.0020, -5.5755

Details

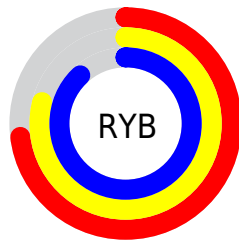
The Yxy color **61.6020, 0.2864, 0.3102** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2687, 0.3420, 0.3471**, and the grayscale version is **60.4873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **31.3315, 0.2794, 0.3055** is the 20% darker color. If you saturate the color by 10%, you get **54.4867, 0.2705, 0.2975**, and if you desaturate by 10%, it is **69.4418, 0.3021, 0.3217**.

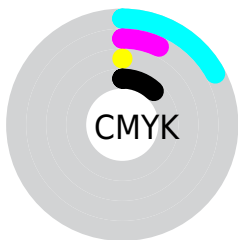
Distribution



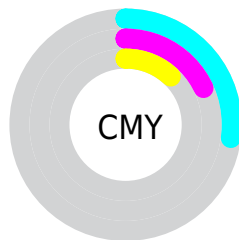
- Red (73%)
- Green (82%)
- Blue (88%)



- Red (73%)
- Yellow (79%)
- Blue (88%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6020, 0.2864, 0.3102 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 61.6020, 0.2864, 0.3102 by changing the saturation by 10% instead.

■ 61.6020, 0.2864,
0.3102

■ 61.6020, 0.2864,
0.3102

430.4778, 0.2989,
0.3192

■ 44.7112, 0.2835,
0.3081

■ 107.1501, 0.2908,
0.3134

■ 31.2300, 0.2799,
0.3054

136.5762, 0.2925,
0.3146

■ 20.7740, 0.2752,
0.3019

170.9495, 0.2939,
0.3157

■ 12.9589, 0.2690,
0.2972

210.6544, 0.2952,
0.3166

■ 7.4003, 0.2604,
0.2907

256.0752, 0.2963,
0.3174

■ 3.7137, 0.2476,
0.2807

307.5965, 0.2972,

■ 1.5147, 0.2269,

0.3181

0.2641

365.6026, 0.2981,
0.3187

0.2991, 0.1199,
0.1945

0.0000, 0.0000,
0.0000

61.6020, 0.2864,
0.3102

61.6020, 0.2864,
0.3102

54.4867, 0.2705,
0.2975

69.4418, 0.3021,
0.3217

48.0628, 0.2548,
0.2836

78.0224, 0.3174,
0.3321

42.3059, 0.2396,
0.2687

87.3689, 0.3321,
0.3413

37.1866, 0.2254,
0.2530

93.0979, 0.3313,
0.3504

■ 32.6729, 0.2126,
0.2368

■ 98.2151, 0.3304,
0.3582

■ 28.7289, 0.2016,
0.2203

■ 25.3136, 0.1927,
0.2040

■ 22.3751, 0.1861,
0.1882

■ 21.5348, 0.1843,
0.1834

Harmonies

Analogous

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



61.6020, 0.2862, 0.3204



61.6020, 0.2864, 0.3102



61.6020, 0.2935, 0.3052

Triad

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



61.6020, 0.2864, 0.3102



61.6020, 0.3328, 0.3243



61.6020, 0.3192, 0.3528

Complementary

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



61.6020, 0.2864, 0.3102



62.2687, 0.3420, 0.3471

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.



61.6020, 0.3320, 0.3534



61.6020, 0.2864, 0.3102



61.6020, 0.3400, 0.3366

Square

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



61.6020, 0.2864, 0.3102



61.6020, 0.3202, 0.3134



61.6020, 0.3397, 0.3473



61.6020, 0.3049, 0.3455

Rectangle

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



61.6020, 0.2864, 0.3102



61.6020, 0.3013, 0.3054



61.6020, 0.3397, 0.3473



61.6020, 0.3238, 0.3538

Sweetspot

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



61.6045, 0.2864, 0.3102



94.2929, 0.3050, 0.3238



68.7018, 0.3007, 0.3552



20.0152, 0.3039, 0.3230



0.0000, 0.0000, 0.0000



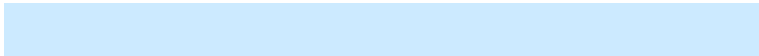
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6045, 0.2864, 0.3102



78.6663, 0.2813, 0.3062



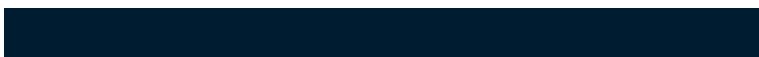
52.8807, 0.2853, 0.2873



14.5574, 0.2981, 0.3189



12.6480, 0.1850, 0.1858



1.0526, 0.1917, 0.2101

Inverse Universe

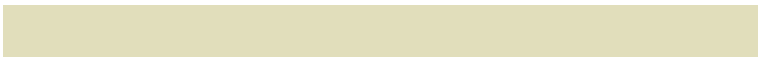
The Inverse Universe completely reimagines the original color for something new.



56.1348, 0.3270, 0.3044



70.3624, 0.3303, 0.2994



71.7325, 0.3386, 0.3675



13.8332, 0.3202, 0.3155



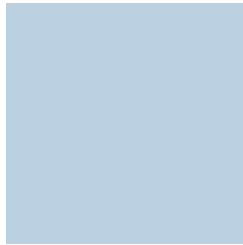
10.1849, 0.4616, 0.2317



0.7237, 0.4340, 0.2165

Previews

White Background



This preview shows how the Yxy color 61.6020, 0.2864, 0.3102 looks on a white background.

Color Contrast Check

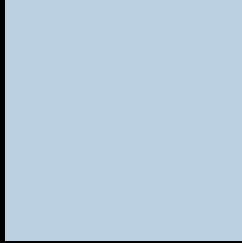
Large Text (above 18pt) WCAG AA × Fail

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 61.6020, 0.2864, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

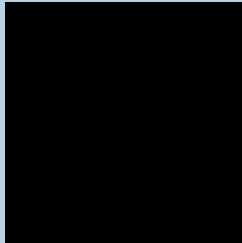
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

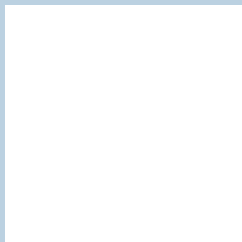
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6020, 0.2864, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 61.6020, 0.2864, 0.3102.



This preview shows how white text looks on a background with the Yxy color 61.6020, 0.2864, 0.3102.

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

61.6020, 0.2864, 0.3102

Protanopia

61.2970, 0.3002, 0.3084

Deuteranopia

61.4535, 0.3058, 0.2990



Tritanopia

61.6567, 0.2858, 0.3090

Trichromacy



Original Color

61.6020, 0.2864, 0.3102

Protanomaly

61.4761, 0.2953, 0.3093

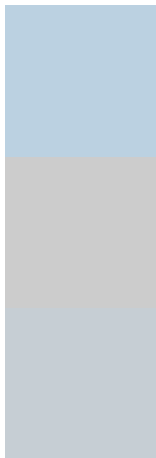
Deuteranomaly

61.1820, 0.2983, 0.3028

Tritanomaly

61.6567, 0.2858, 0.3090

Monochromacy



Original Color

61.6020, 0.2864, 0.3102

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.9018, 0.3026, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6020, 0.2864, 0.3102 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(187, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(187, 209, 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(187, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 209, 225) }
```

Border

The CSS property to change the border of an element to Yxy 61.6020, 0.2864, 0.3102 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(187, 209, 225) }
```

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

```
.border{ border-color:rgb(187, 209, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 209, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 209, 225); box-shadow:4px 4px 4px 4px rgb(187, 209, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6020, 0.2864, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 209, 225) }
```

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

```
.background{ background-color: rgb(187,  
209, 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](#).

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