

Converting Colors

$Yxy(60.8319, 0.2905, 0.3150)$

Have a look what the booklet for
Yxy(60.8319, 0.2905, 0.3150)
contains.

Yxy(60.9704, 0.2902, 0.3148)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.9704, 0.2902, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	BCD0DC
RGB	188, 208, 220
RGB Percent	74%, 82%, 86%
CMY	0.2629, 0.1843, 0.1373
CMYK	0.15, 0.05, 0.00, 0.14
HSL	202°, 31%, 80%
HSV	202°, 15%, 86%
XYZ	56.2059, 60.9704, 76.5035
YIQ	203.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

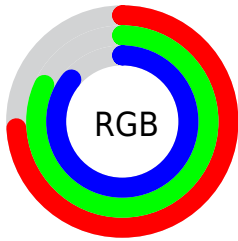
Format	Color
RYB	188, 200, 220
Decimal	12374236
CIELab	82.36, -4.30, -8.21
CIELCh	82, 9.268, 242.370
Yxy	60.9704, 0.2902, 0.3148
Android (android.graphics.Color)	4290564316 (0xFFBCD0DC)
YUV	203.3880, 8.1897, -13.4953
Hunter-Lab	78.0835, -8.1588, -3.4318

Details

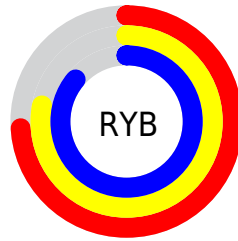
The Yxy color **60.9704, 0.2902, 0.3148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1243, 0.3377, 0.3428**, and the grayscale version is **59.9306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **30.8961, 0.2842, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **54.4814, 0.2746, 0.3038**, and if you desaturate by 10%, it is **68.0984, 0.3057, 0.3248**.

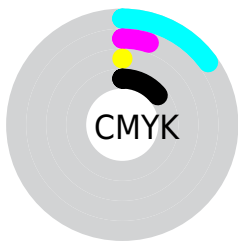
Distribution



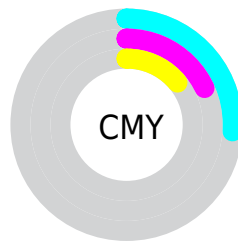
- Red (74%)
- Green (82%)
- Blue (86%)



- Red (74%)
- Yellow (78%)
- Blue (86%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9704, 0.2902, 0.3148 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 60.9704, 0.2902, 0.3148 by changing the saturation by 10% instead.

■ 60.9704, 0.2902,
0.3148

■ 60.9704, 0.2902,
0.3148

428.1655, 0.3009,
0.3216

■ 44.2013, 0.2877,
0.3132

■ 106.2361, 0.2940,
0.3172

■ 30.8288, 0.2846,
0.3111

135.5014, 0.2954,
0.3182

■ 20.4685, 0.2805,
0.3084

169.7010, 0.2966,
0.3190

■ 12.7361, 0.2752,
0.3049

209.2191, 0.2977,
0.3196

■ 7.2470, 0.2676,
0.2998

254.4402, 0.2987,
0.3202

■ 3.6171, 0.2564,
0.2920

305.7487, 0.2995,

■ 1.4618, 0.2379,

0.3208

0.2787

363.5290, 0.3002,
0.3212

0.2616, 0.1137,
0.2069

0.0000, 0.0000,
0.0000

60.9704, 0.2902,
0.3148

60.9704, 0.2902,
0.3148

54.4814, 0.2746,
0.3038

68.0984, 0.3057,
0.3248

48.6013, 0.2591,
0.2918

75.8787, 0.3209,
0.3338

43.3089, 0.2443,
0.2789

84.3338, 0.3356,
0.3417

38.5783, 0.2304,
0.2652

89.2872, 0.3352,
0.3497

■ 34.3813, 0.2179,
0.2510

■ 94.2651, 0.3341,
0.3576

■ 30.6867, 0.2072,
0.2365

■ 97.9464, 0.3334,
0.3631

■ 27.4584, 0.1985,
0.2220

■ 24.6532, 0.1919,
0.2077

■ 23.2656, 0.1889,
0.2001

Harmonies

Analogous

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



60.9704, 0.2912, 0.3240



60.9704, 0.2902, 0.3148



60.9704, 0.2950, 0.3096

Triad

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



60.9704, 0.2902, 0.3148



60.9704, 0.3276, 0.3230



60.9704, 0.3205, 0.3494

Complementary

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



60.9704, 0.2902, 0.3148



60.1243, 0.3377, 0.3428

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.



60.9704, 0.3305, 0.3487



60.9704, 0.2902, 0.3148



60.9704, 0.3347, 0.3333

Square

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



60.9704, 0.2902, 0.3148



60.9704, 0.3165, 0.3144



60.9704, 0.3357, 0.3427



60.9704, 0.3086, 0.3443

Rectangle

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



60.9704, 0.2902, 0.3148



60.9704, 0.3010, 0.3089



60.9704, 0.3357, 0.3427



60.9704, 0.3242, 0.3498

Sweetspot

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



60.9729, 0.2902, 0.3148



95.7072, 0.3065, 0.3253



66.0220, 0.3033, 0.3531



20.3161, 0.3054, 0.3246



0.0000, 0.0000, 0.0000



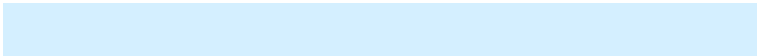
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9729, 0.2902, 0.3148



82.7757, 0.2862, 0.3120



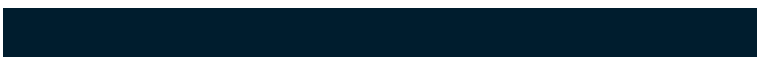
53.6595, 0.2895, 0.2957



13.9687, 0.2982, 0.3200



13.8771, 0.1895, 0.2023



1.0624, 0.1959, 0.2252

Inverse Universe

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



55.7226, 0.3236, 0.3063



74.3918, 0.3258, 0.3021



67.8085, 0.3351, 0.3603



13.1880, 0.3195, 0.3145



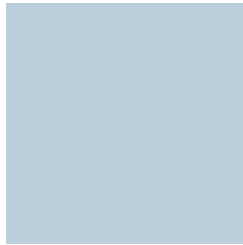
10.0247, 0.4427, 0.2213



0.6659, 0.4177, 0.2075

Previews

White Background



This preview shows how the Yxy color 60.9704, 0.2902, 0.3148 looks on a white background.

Color Contrast Check

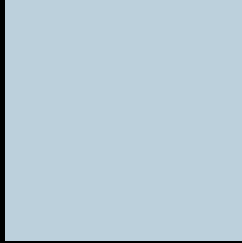
Large Text (above 18pt) WCAG AA × Fail

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 60.9704, 0.2902, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

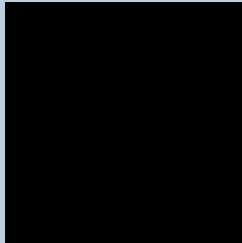
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

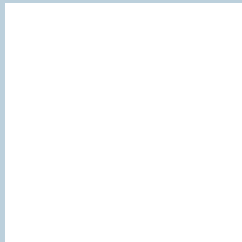
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9704, 0.2902, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 60.9704, 0.2902, 0.3148.



This preview shows how white text looks on a background with the Yxy color 60.9704, 0.2902, 0.3148.

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

60.9704, 0.2902, 0.3148

Protanopia

60.7008, 0.3044, 0.3129

Deuteranopia

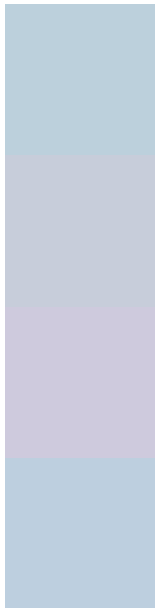
60.8725, 0.3101, 0.3033



Tritanopia

60.8263, 0.2883, 0.3090

Trichromacy



Original Color

60.9704, 0.2902, 0.3148

Protanomaly

60.8667, 0.2993, 0.3139

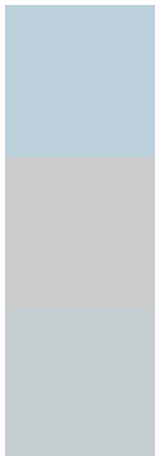
Deuteranomaly

60.5833, 0.3024, 0.3073

Tritanomaly

60.7722, 0.2889, 0.3101

Monochromacy



Original Color

60.9704, 0.2902, 0.3148

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2719, 0.3047, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9704, 0.2902, 0.3148 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, 208, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 208, 220)  
}
```

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, 208, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 208, 220) }
```

Border

The CSS property to change the border of an element to Yxy 60.9704, 0.2902, 0.3148 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, 208, 220) }
```

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

```
.border{ border-color:rgb(188, 208, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 208, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 208, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 208, 220);  
box-shadow:4px 4px 4px 4px rgb(188, 208,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9704, 0.2902, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 208, 220) }
```

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

```
.background{ background-color: rgb(188,  
208, 220) }
```

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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