

Converting Colors

Yxy(61.6758, 0.2873, 0.3142)

Have a look what the booklet for
Yxy(61.6758, 0.2873, 0.3142)
contains.

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Color

Yxy(61.8062, 0.2877, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	BAD2DE
RGB	186, 210, 222
RGB Percent	73%, 82%, 87%
CMY	0.2704, 0.1765, 0.1295
CMYK	0.16, 0.05, 0.00, 0.13
HSL	200°, 35%, 80%
HSV	200°, 16%, 87%
XYZ	56.4855, 61.8062, 78.0431
YIQ	204.1920, -18.1560, -1.3560

Conversions

Conversions Part 2

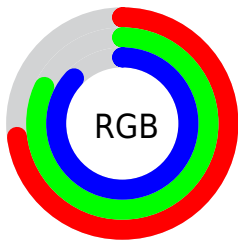
Format	Color
RYB	186, 200, 222
Decimal	12243678
CIELab	82.81, -5.53, -8.62
CIELCh	83, 10.246, 237.323
Yxy	61.8062, 0.2877, 0.3148
Android (android.graphics.Color)	4290433758 (0xFFBAD2DE)
YUV	204.1920, 8.7793, -15.9544
Hunter-Lab	78.6169, -9.3290, -3.8254

Details

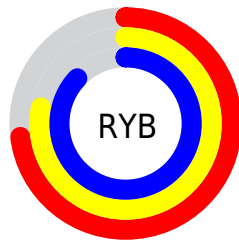
The Yxy color **61.8062, 0.2877, 0.3148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4708, 0.3411, 0.3428**, and the grayscale version is **60.4680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **31.4725, 0.2810, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **55.6704, 0.2723, 0.3049**, and if you desaturate by 10%, it is **68.5480, 0.3032, 0.3239**.

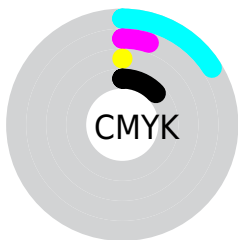
Distribution



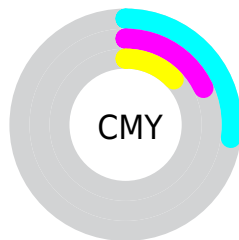
- Red (73%)
- Green (82%)
- Blue (87%)



- Red (73%)
- Yellow (78%)
- Blue (87%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8062, 0.2877, 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 61.8062, 0.2877, 0.3148 by changing the saturation by 10% instead.

■ 61.8062, 0.2877,
0.3148

■ 61.8062, 0.2877,
0.3148

431.2238, 0.2995,
0.3217

■ 44.8761, 0.2849,
0.3132

■ 107.4454, 0.2919,
0.3172

■ 31.3599, 0.2815,
0.3111

136.9233, 0.2935,
0.3182

■ 20.8730, 0.2771,
0.3084

171.3526, 0.2948,
0.3190

■ 13.0312, 0.2712,
0.3048

211.1177, 0.2960,
0.3196

■ 7.4500, 0.2630,
0.2997

256.6029, 0.2971,
0.3202

■ 3.7451, 0.2508,
0.2919

308.1928, 0.2980,

■ 1.5320, 0.2310,

0.3208

0.2786

366.2716, 0.2988,
0.3212

0.3111, 0.1137,
0.2201

0.0000, 0.0000,
0.0000

61.8062, 0.2877,
0.3148

61.8062, 0.2877,
0.3148

55.6704, 0.2723,
0.3049

68.5480, 0.3032,
0.3239

50.1107, 0.2573,
0.2941

75.9090, 0.3185,
0.3320

45.1061, 0.2430,
0.2825

83.9113, 0.3334,
0.3393

40.6308, 0.2298,
0.2704

88.6163, 0.3341,
0.3465

■ 36.6565, 0.2182,
0.2577

■ 93.0529, 0.3332,
0.3536

■ 33.1516, 0.2084,
0.2449

■ 97.6692, 0.3322,
0.3606

■ 30.0795, 0.2006,
0.2321

■ 98.0527, 0.3322,
0.3612

■ 27.3950, 0.1949,
0.2195

■ 26.4450, 0.1930,
0.2147

Harmonies

Analogous

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



61.8062, 0.2899, 0.3255



61.8062, 0.2877, 0.3148



61.8062, 0.2920, 0.3082

Triad

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



61.8062, 0.2877, 0.3148



61.8062, 0.3273, 0.3206



61.8062, 0.3234, 0.3518

Complementary

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



61.8062, 0.2877, 0.3148



59.4708, 0.3411, 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.



61.8062, 0.3337, 0.3499



61.8062, 0.2877, 0.3148



61.8062, 0.3360, 0.3318

Square

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



61.8062, 0.2877, 0.3148



61.8062, 0.3147, 0.3117



61.8062, 0.3384, 0.3425



61.8062, 0.3104, 0.3472

Rectangle

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



61.8062, 0.2877, 0.3148



61.8062, 0.2980, 0.3069



61.8062, 0.3384, 0.3425



61.8062, 0.3273, 0.3519

Sweetspot

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



61.8088, 0.2877, 0.3148



94.9795, 0.3050, 0.3248



66.7529, 0.3031, 0.3576



20.1822, 0.3039, 0.3242



0.0000, 0.0000, 0.0000



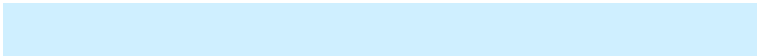
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8088, 0.2877, 0.3148



82.0648, 0.2831, 0.3120



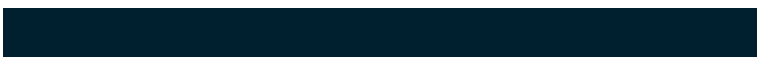
53.4296, 0.2868, 0.2930



14.7622, 0.2982, 0.3210



15.9236, 0.1935, 0.2166



1.2663, 0.1989, 0.2359

Inverse Universe

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



55.3141, 0.3239, 0.3020



71.8909, 0.3263, 0.2969



68.1785, 0.3380, 0.3626



13.8539, 0.3189, 0.3135



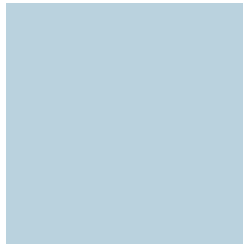
10.5155, 0.4269, 0.2125



0.7453, 0.4065, 0.2013

Previews

White Background



This preview shows how the Yxy color 61.8062, 0.2877, 0.3148 looks on a white background.

Color Contrast Check

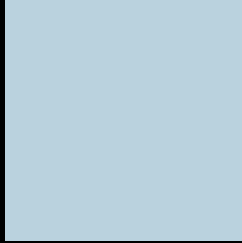
Large Text (above 18pt) WCAG AA × Fail

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 61.8062, 0.2877, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

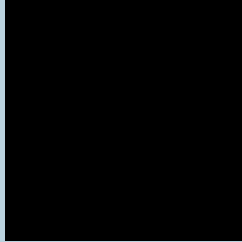
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

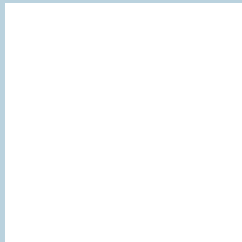
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8062, 0.2877, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 61.8062, 0.2877, 0.3148.

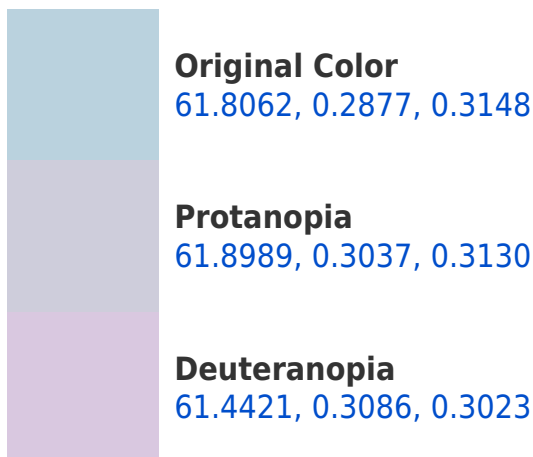


This preview shows how white text looks on a background with the Yxy color 61.8062, 0.2877, 0.3148.

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

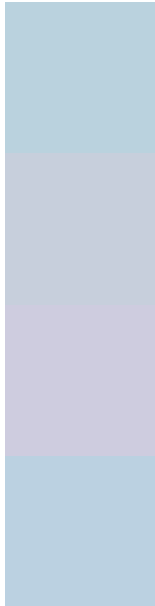




Tritanopia

61.6567, 0.2858, 0.3090

Trichromacy



Original Color

61.8062, 0.2877, 0.3148

Protanomaly

61.9351, 0.2980, 0.3139

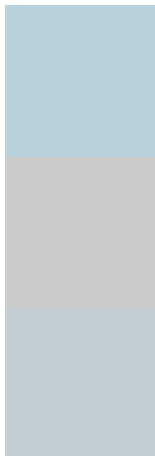
Deuteranomaly

61.6353, 0.3010, 0.3074

Tritanomaly

61.6020, 0.2864, 0.3102

Monochromacy



Original Color

61.8062, 0.2877, 0.3148

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7161, 0.3025, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8062, 0.2877, 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(186, 210, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 210, 222)  
}
```

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(186, 210, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 210, 222) }
```

Border

The CSS property to change the border of an element to Yxy 61.8062, 0.2877, 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(186, 210, 222) }
```

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

```
.border{ border-color:rgb(186, 210, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 210, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 210, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 210, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 210,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8062, 0.2877, 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(186, 210, 222) }
```

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

```
.background{ background-color: rgb(186,  
210, 222) }
```

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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