

Converting Colors

Yxy(62.1569, 0.2858, 0.3142)

Have a look what the booklet for
Yxy(62.1569, 0.2858, 0.3142)
contains.

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Color

Yxy(62.1066, 0.2857, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	B8D3DF
RGB	184, 211, 223
RGB Percent	72%, 83%, 87%
CMY	0.2787, 0.1725, 0.1256
CMYK	0.18, 0.05, 0.00, 0.13
HSL	198°, 38%, 80%
HSV	198°, 18%, 87%
XYZ	56.3655, 62.1066, 78.8170
YIQ	204.2950, -19.9440, -1.9920

Conversions

Conversions Part 2

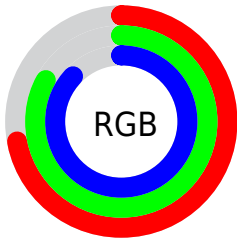
Format	Color
RYB	184, 200, 223
Decimal	12112863
CIELab	82.97, -6.52, -8.94
CIELCh	83, 11.063, 233.897
Yxy	62.1066, 0.2857, 0.3148
Android (android.graphics.Color)	4290302943 (0xFFB8D3DF)
YUV	204.2950, 9.2216, -17.7987
Hunter-Lab	78.8077, -10.2454, -4.1315

Details

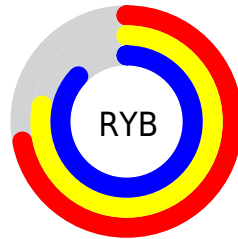
The Yxy color **62.1066, 0.2857, 0.3148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5717, 0.3440, 0.3428**, and the grayscale version is **60.5232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **31.6869, 0.2786, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **56.2490, 0.2705, 0.3056**, and if you desaturate by 10%, it is **68.5474, 0.3011, 0.3232**.

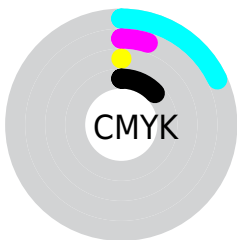
Distribution



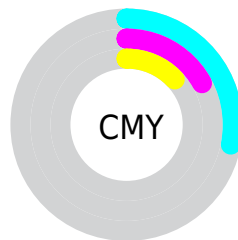
- Red (72%)
- Green (83%)
- Blue (87%)



- Red (72%)
- Yellow (78%)
- Blue (87%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)




- Cyan (28%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1066, 0.2857, 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 62.1066, 0.2857, 0.3148 by changing the saturation by 10% instead.


 62.1066, 0.2857,
0.3148

 62.1066, 0.2857,
0.3148


432.3198, 0.2985,
0.3217

 45.1188, 0.2827,
0.3132


 107.8796, 0.2902,
0.3172

 31.5510, 0.2790,
0.3111

137.4336, 0.2919,
0.3182

 21.0188, 0.2743,
0.3084


171.9451, 0.2934,
0.3190

 13.1378, 0.2680,
0.3048

211.7986, 0.2947,
0.3197

 7.5235, 0.2592,
0.2996

257.3785, 0.2958,
0.3203

 3.7916, 0.2462,
0.2917

309.0690, 0.2968,

 1.5577, 0.2252,

0.3208

0.2783

367.2547, 0.2977,
0.3213

■ 0.3288, 0.1047,
0.2244

■ 0.0000, 0.0000,
0.0000

■ 62.1066, 0.2857,
0.3148

■ 62.1066, 0.2857,
0.3148

■ 56.2490, 0.2705,
0.3056

■ 68.5474, 0.3011,
0.3232

■ 50.9448, 0.2557,
0.2956

■ 75.5845, 0.3165,
0.3308

■ 46.1730, 0.2419,
0.2850

■ 83.2399, 0.3316,
0.3376

■ 41.9078, 0.2293,
0.2738

■ 87.9318, 0.3337,
0.3442

■ 38.1207, 0.2183,
0.2623

■ 91.9909, 0.3328,
0.3508

■ 34.7798, 0.2091,
0.2506

■ 96.2024, 0.3319,
0.3573

■ 31.8478, 0.2020,
0.2389

■ 98.1069, 0.3316,
0.3602

■ 29.2750, 0.1969,
0.2274

■ 28.6721, 0.1957,
0.2246

Harmonies

Analogous

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



62.1066, 0.2889, 0.3267



62.1066, 0.2857, 0.3148



62.1066, 0.2895, 0.3071

Triad

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



62.1066, 0.2857, 0.3148



62.1066, 0.3270, 0.3187



62.1066, 0.3257, 0.3537

Complementary

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



62.1066, 0.2857, 0.3148



58.5717, 0.3440, 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.



62.1066, 0.3363, 0.3509



62.1066, 0.2857, 0.3148



62.1066, 0.3371, 0.3306

Square

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



62.1066, 0.2857, 0.3148



62.1066, 0.3132, 0.3096



62.1066, 0.3405, 0.3423



62.1066, 0.3118, 0.3496

Rectangle

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



62.1066, 0.2857, 0.3148



62.1066, 0.2956, 0.3053



62.1066, 0.3405, 0.3423



62.1066, 0.3298, 0.3535

Sweetspot

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



62.1092, 0.2857, 0.3148



95.1958, 0.3050, 0.3252



66.9177, 0.3031, 0.3618



20.2349, 0.3039, 0.3246



0.0000, 0.0000, 0.0000



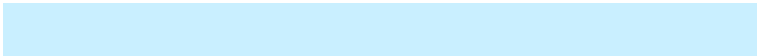
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1092, 0.2857, 0.3148



81.2008, 0.2801, 0.3115



53.0927, 0.2845, 0.2913



14.8269, 0.2982, 0.3217



17.0699, 0.1962, 0.2263



1.3393, 0.2011, 0.2440

Inverse Universe

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



54.6405, 0.3241, 0.2986



69.4520, 0.3269, 0.2920



67.8321, 0.3404, 0.3641



13.8604, 0.3184, 0.3129



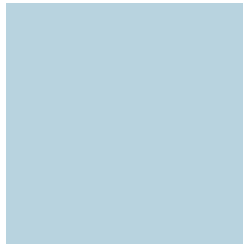
10.6313, 0.4165, 0.2068



0.7527, 0.3982, 0.1967

Previews

White Background



This preview shows how the Yxy color 62.1066, 0.2857, 0.3148 looks on a white background.

Color Contrast Check

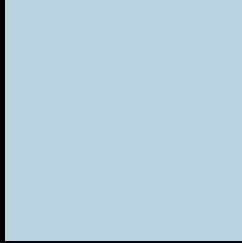
Large Text (above 18pt) WCAG AA × Fail

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 62.1066, 0.2857, 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

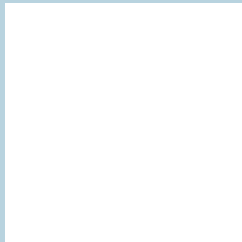
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1066, 0.2857, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 62.1066, 0.2857, 0.3148.

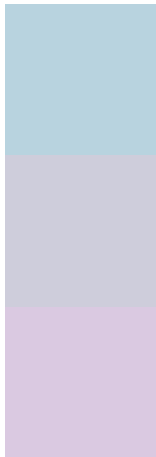


This preview shows how white text looks on a background with the Yxy color 62.1066, 0.2857, 0.3148.

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

62.1066, 0.2857, 0.3148

Protanopia

61.8989, 0.3037, 0.3130

Deuteranopia

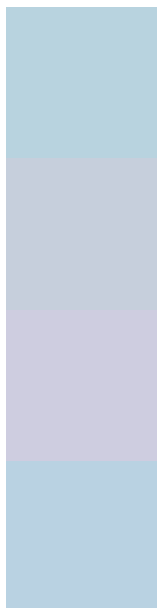
62.1150, 0.3086, 0.3024



Tritanopia

61.9535, 0.2839, 0.3090

Trichromacy



Original Color

62.1066, 0.2857, 0.3148

Protanomaly

61.7987, 0.2972, 0.3139

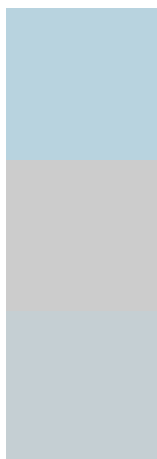
Deuteranomaly

62.1663, 0.3004, 0.3074

Tritanomaly

61.8985, 0.2845, 0.3101

Monochromacy



Original Color

62.1066, 0.2857, 0.3148

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.1991, 0.3025, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1066, 0.2857, 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(184, 211, 223)` looks like.

```
.text, #text, p{  
    color:rgb(184, 211, 223)  
}
```

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, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 211, 223) }
```

Border

The CSS property to change the border of an element to Yxy 62.1066, 0.2857, 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(184, 211, 223) }
```

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

```
.border{ border-color:rgb(184, 211, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 211, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(184, 211,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1066, 0.2857, 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(184, 211, 223) }
```

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

```
.background{ background-color: rgb(184,  
211, 223) }
```

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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