

Converting Colors

$Yxy(62.3066, 0.2870, 0.3154)$

Have a look what the booklet for
Yxy(62.3066, 0.2870, 0.3154)
contains.

Yxy(62.2305, 0.2864, 0.3148)	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(62.2305, 0.2864, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	B9D3DF
RGB	185, 211, 223
RGB Percent	73%, 83%, 87%
CMY	0.2746, 0.1725, 0.1255
CMYK	0.17, 0.05, 0.00, 0.13
HSL	199°, 37%, 80%
HSV	199°, 17%, 87%
XYZ	56.6163, 62.2305, 78.8358
YIQ	204.5940, -19.3480, -1.7800

Conversions

Conversions Part 2

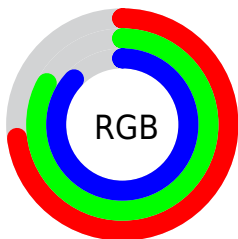
Format	Color
R_{YB}	185, 200, 223
Decimal	12178399
CIE Lab	83.04, -6.18, -8.84
CIE LCh	83, 10.786, 235.041
Yxy	62.2305, 0.2864, 0.3148
Android (android.graphics.Color)	4290368479 (0xFFB9D3DF)
YUV	204.5940, 9.0742, -17.1839
Hunter-Lab	78.8863, -9.9425, -4.0317

Details

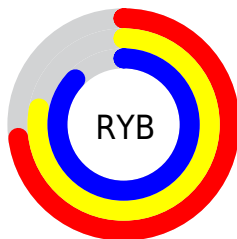
The Yxy color **62.2305, 0.2864, 0.3148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1053, 0.3430, 0.3428**, and the grayscale version is **60.7287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **31.7664, 0.2795, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **56.2568, 0.2711, 0.3053**, and if you desaturate by 10%, it is **68.7970, 0.3019, 0.3234**.

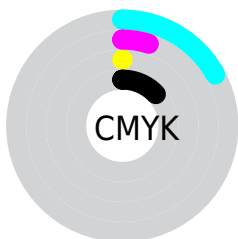
Distribution



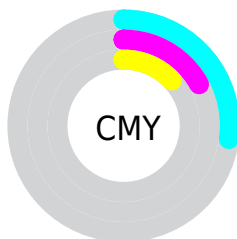
- Red (73%)
- Green (83%)
- Blue (87%)



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



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2305, 0.2864, 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 62.2305, 0.2864, 0.3148 by changing the saturation by 10% instead.

■ 62.2305, 0.2864,
0.3148

■ 62.2305, 0.2864,
0.3148

432.7714, 0.2988,
0.3217

■ 45.2190, 0.2835,
0.3132

■ 108.0586, 0.2908,
0.3172

■ 31.6299, 0.2799,
0.3111

137.6440, 0.2924,
0.3182

■ 21.0790, 0.2753,
0.3084

172.1894, 0.2939,
0.3190

■ 13.1818, 0.2691,
0.3048

212.0793, 0.2951,
0.3197

■ 7.5538, 0.2606,
0.2997

257.6980, 0.2962,
0.3203

■ 3.8108, 0.2480,
0.2919

309.4300, 0.2972,

■ 1.5683, 0.2274,

0.3208

0.2786

367.6597, 0.2981,
0.3212

0.3361, 0.1132,
0.2258

0.0000, 0.0000,
0.0000

62.2305, 0.2864,
0.3148

62.2305, 0.2864,
0.3148

56.2568, 0.2711,
0.3053

68.7970, 0.3019,
0.3234

50.8461, 0.2563,
0.2951

75.9695, 0.3172,
0.3312

45.9773, 0.2423,
0.2842

83.7701, 0.3323,
0.3382

41.6243, 0.2295,
0.2727

88.3972, 0.3335,
0.3450

■ 37.7589, 0.2183,
0.2608

■ 92.5970, 0.3327,
0.3518

■ 34.3490, 0.2089,
0.2487

■ 96.9587, 0.3318,
0.3584

■ 31.3575, 0.2015,
0.2366

■ 98.1075, 0.3316,
0.3601

■ 28.7364, 0.1962,
0.2248

■ 28.0105, 0.1948,
0.2213

Harmonies

Analogous

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



62.2305, 0.2893, 0.3262



62.2305, 0.2864, 0.3148



62.2305, 0.2904, 0.3075

Triad

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



62.2305, 0.2864, 0.3148



62.2305, 0.3271, 0.3194



62.2305, 0.3249, 0.3530

Complementary

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



62.2305, 0.2864, 0.3148



59.1053, 0.3430, 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.



62.2305, 0.3354, 0.3506



62.2305, 0.2864, 0.3148



62.2305, 0.3367, 0.3310

Square

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



62.2305, 0.2864, 0.3148



62.2305, 0.3137, 0.3104



62.2305, 0.3398, 0.3424



62.2305, 0.3113, 0.3487

Rectangle

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



62.2305, 0.2864, 0.3148



62.2305, 0.2964, 0.3058



62.2305, 0.3398, 0.3424



62.2305, 0.3289, 0.3529

Sweetspot

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



62.2331, 0.2864, 0.3148



95.1237, 0.3050, 0.3251



67.0878, 0.3033, 0.3609



20.2173, 0.3039, 0.3245



0.0000, 0.0000, 0.0000



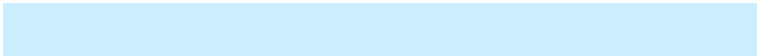
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2331, 0.2864, 0.3148



81.7448, 0.2816, 0.3120



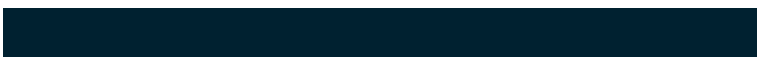
53.5946, 0.2853, 0.2924



14.8053, 0.2982, 0.3214



16.6816, 0.1953, 0.2231



1.3146, 0.2004, 0.2413

Inverse Universe

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



55.0800, 0.3240, 0.2998



70.6731, 0.3264, 0.2942



67.9902, 0.3396, 0.3631



13.8582, 0.3186, 0.3131



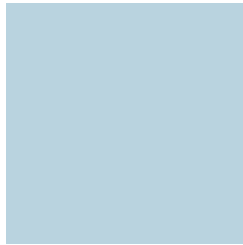
10.5921, 0.4200, 0.2087



0.7502, 0.4010, 0.1982

Previews

White Background



This preview shows how the Yxy color 62.2305, 0.2864, 0.3148 looks on a white background.

Color Contrast Check

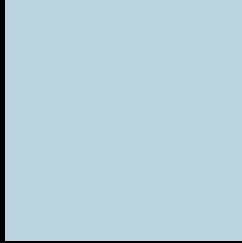
Large Text (above 18pt) WCAG AA × Fail

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 62.2305, 0.2864, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

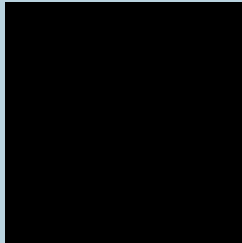
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

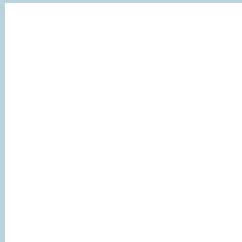
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2305, 0.2864, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 62.2305, 0.2864, 0.3148.

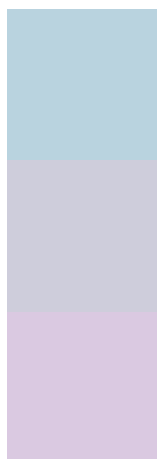


This preview shows how white text looks on a background with the Yxy color 62.2305, 0.2864, 0.3148.

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

62.2305, 0.2864, 0.3148

Protanopia

61.8989, 0.3037, 0.3130

Deuteranopia

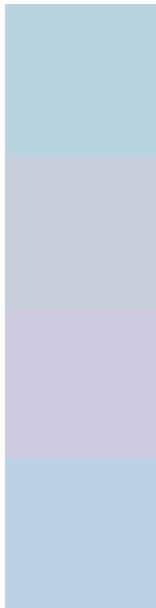
62.1150, 0.3086, 0.3024



Tritanopia

62.0783, 0.2846, 0.3090

Trichromacy



Original Color

62.2305, 0.2864, 0.3148

Protanomaly

61.7987, 0.2972, 0.3139

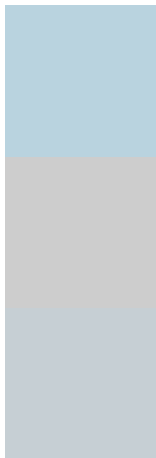
Deuteranomaly

62.1663, 0.3004, 0.3074

Tritanomaly

62.0233, 0.2852, 0.3102

Monochromacy



Original Color

62.2305, 0.2864, 0.3148

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3849, 0.3026, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2305, 0.2864, 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(185, 211, 223)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 211, 223) }
```

Border

The CSS property to change the border of an element to Yxy 62.2305, 0.2864, 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(185, 211, 223) }
```

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

```
.border{ border-color:rgb(185, 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(185, 211, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(185, 211,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2305, 0.2864, 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(185, 211, 223) }
```

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

```
.background{ background-color: rgb(185,  
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](#).

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