

Converting Colors

Yxy(62.7137, 0.2909, 0.3219)

Have a look what the booklet for
Yxy(62.7137, 0.2909, 0.3219)
contains.

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Color

Yxy(62.7137, 0.2909, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	BBD4DA
RGB	187, 212, 218
RGB Percent	73%, 83%, 85%
CMY	0.2670, 0.1685, 0.1452
CMYK	0.14, 0.03, 0.00, 0.15
HSL	192°, 30%, 79%
HSV	192°, 14%, 85%
XYZ	56.6742, 62.7137, 75.4357
YIQ	205.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

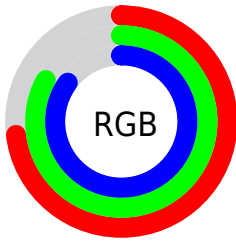
Format	Color
RYB	187, 201, 218
Decimal	12309722
CIELab	83.29, -7.14, -5.78
CIELCh	83, 9.185, 218.990
Yxy	62.7137, 0.2909, 0.3219
Android (android.graphics.Color)	4290499802 (0xFFBBD4DA)
YUV	205.2090, 6.3060, -15.9693
Hunter-Lab	79.1920, -10.8415, -1.0433

Details

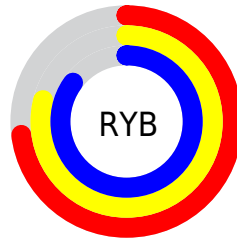
The Yxy color **62.7137, 0.2909, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5697, 0.3380, 0.3360**, and the grayscale version is **61.1495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **31.7448, 0.2852, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **58.1115, 0.2761, 0.3164**, and if you desaturate by 10%, it is **67.7924, 0.3062, 0.3270**.

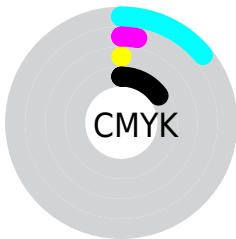
Distribution



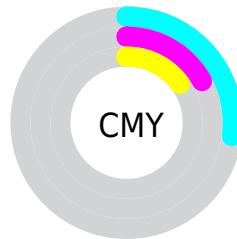
- Red (73%)
- Green (83%)
- Blue (85%)



- Red (73%)
- Yellow (79%)
- Blue (85%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7137, 0.2909, 0.3219 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 62.7137, 0.2909, 0.3219 by changing the saturation by 10% instead.

■ 62.7137, 0.2909,
0.3219

■ 62.7137, 0.2909,
0.3219

434.5297, 0.3012,
0.3254

■ 45.6096, 0.2885,
0.3211

■ 108.7564, 0.2945,
0.3231

■ 31.9379, 0.2855,
0.3200

138.4638, 0.2959,
0.3236

■ 21.3141, 0.2816,
0.3186

173.1410, 0.2971,
0.3240

■ 13.3538, 0.2765,
0.3167

213.1726, 0.2981,
0.3244

■ 7.6726, 0.2694,
0.3140

258.9429, 0.2991,
0.3247

■ 3.8862, 0.2588,
0.3099

310.8362, 0.2999,

■ 1.6101, 0.2415,

0.3249

369.2370, 0.3006,
0.3252

0.3026

0.3644, 0.1287,
0.2725

0.0000, 0.0000,
0.0000

62.7137, 0.2909,
0.3219

62.7137, 0.2909,
0.3219

58.1115, 0.2761,
0.3164

67.7924, 0.3062,
0.3270

53.9588, 0.2620,
0.3104

73.3578, 0.3216,
0.3316

50.2377, 0.2490,
0.3040

79.4294, 0.3369,
0.3357

46.9258, 0.2374,
0.2974

82.2173, 0.3383,
0.3398

■ 43.9984, 0.2275,
0.2905

■ 84.5542, 0.3377,
0.3440

■ 41.4280, 0.2194,
0.2835

■ 86.9472, 0.3371,
0.3480

■ 39.1825, 0.2132,
0.2766

■ 89.3965, 0.3365,
0.3521

■ 37.2233, 0.2090,
0.2696

■ 91.9026, 0.3359,
0.3561

■ 36.1898, 0.2071,
0.2657

■ 94.4658, 0.3353,
0.3601

Harmonies

Analogous

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



62.7137, 0.2963, 0.3325



62.7137, 0.2909, 0.3219



62.7137, 0.2912, 0.3135

Triad

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



62.7137, 0.2909, 0.3219



62.7137, 0.3191, 0.3163



62.7137, 0.3283, 0.3490

Complementary

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



62.7137, 0.2909, 0.3219



56.5697, 0.3380, 0.3360

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.



62.7137, 0.3347, 0.3441



62.7137, 0.2909, 0.3219



62.7137, 0.3293, 0.3253

Square

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



62.7137, 0.2909, 0.3219



62.7137, 0.3073, 0.3105



62.7137, 0.3351, 0.3354



62.7137, 0.3179, 0.3483

Rectangle

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



62.7137, 0.2909, 0.3219



62.7137, 0.2946, 0.3103



62.7137, 0.3351, 0.3354



62.7137, 0.3310, 0.3479

Sweetspot

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



62.7163, 0.2909, 0.3219



96.8754, 0.3065, 0.3271



64.5215, 0.3072, 0.3596



20.6123, 0.3053, 0.3267



0.0000, 0.0000, 0.0000



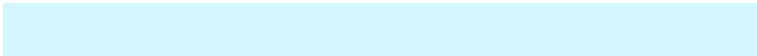
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7163, 0.2909, 0.3219



87.4973, 0.2865, 0.3203



55.4357, 0.2903, 0.3034



14.3832, 0.2982, 0.3244



21.8359, 0.2074, 0.2667



1.5259, 0.2106, 0.2780

Inverse Universe

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



55.1623, 0.3189, 0.3005



74.8685, 0.3204, 0.2945



63.6699, 0.3355, 0.3533



13.2298, 0.3167, 0.3103



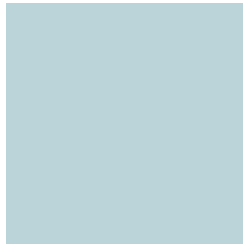
10.8281, 0.3760, 0.1845



0.7127, 0.3654, 0.1786

Previews

White Background



This preview shows how the Yxy color 62.7137, 0.2909, 0.3219 looks on a white background.

Color Contrast Check

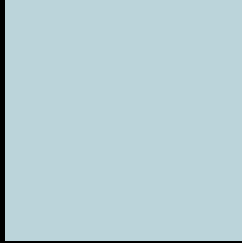
Large Text (above 18pt) WCAG AA × Fail

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 62.7137, 0.2909, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

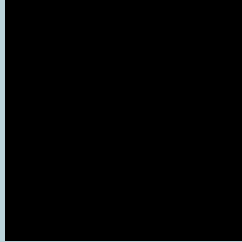
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

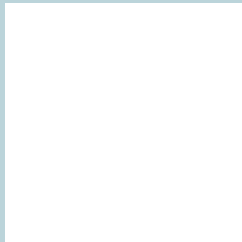
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7137, 0.2909, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 62.7137, 0.2909, 0.3219.

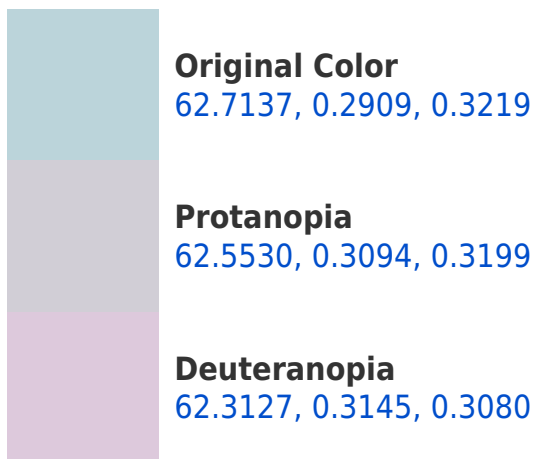


This preview shows how white text looks on a background with the Yxy color 62.7137, 0.2909, 0.3219.

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

62.9534, 0.2866, 0.3103

Trichromacy



Original Color

62.7137, 0.2909, 0.3219

Protanomaly

62.4356, 0.3027, 0.3209

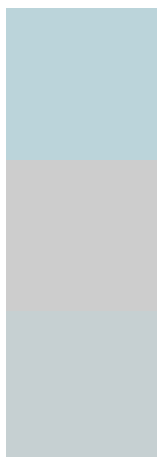
Deuteranomaly

62.3324, 0.3060, 0.3131

Tritanomaly

62.6617, 0.2878, 0.3137

Monochromacy



Original Color

62.7137, 0.2909, 0.3219

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.7707, 0.3039, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7137, 0.2909, 0.3219 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, 212, 218)` looks like.

```
.text, #text, p{  
    color:rgb(187, 212, 218)  
}
```

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, 212, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 212, 218) }
```

Border

The CSS property to change the border of an element to Yxy 62.7137, 0.2909, 0.3219 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, 212, 218) }
```

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

```
.border{ border-color:rgb(187, 212, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 212, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 212, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 212, 218);  
box-shadow:4px 4px 4px 4px rgb(187, 212,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7137, 0.2909, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 212, 218) }
```

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

```
.background{ background-color: rgb(187,  
212, 218) }
```

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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