

Converting Colors

Yxy(61.8183, 0.3044, 0.3408)

Have a look what the booklet for
Yxy(61.8183, 0.3044, 0.3408)
contains.

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Color

Yxy(61.8819, 0.3048, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	BFD3C9
RGB	191, 211, 201
RGB Percent	75%, 83%, 79%
CMY	0.2512, 0.1725, 0.2118
CMYK	0.10, 0.00, 0.05, 0.17
HSL	150°, 19%, 79%
HSV	150°, 10%, 83%
XYZ	55.3126, 61.8819, 64.2773
YIQ	203.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

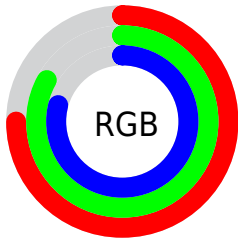
Format	Color
RYB	191, 204, 211
Decimal	12571593
CIELab	82.85, -8.64, 2.66
CIELCh	83, 9.035, 162.903
Yxy	61.8819, 0.3048, 0.3410
Android (android.graphics.Color)	4290761673 (0xFFBFD3C9)
YUV	203.8800, -1.4198, -11.2958
Hunter-Lab	78.6650, -12.1532, 6.6196

Details

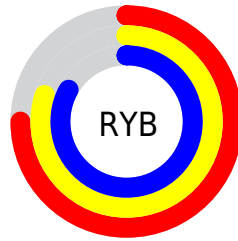
The Yxy color **61.8819, 0.3048, 0.3410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3104, 0.3214, 0.3173**, and the grayscale version is **60.3135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **31.2868, 0.3033, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **58.8640, 0.2967, 0.3551**, and if you desaturate by 10%, it is **65.3333, 0.3131, 0.3284**.

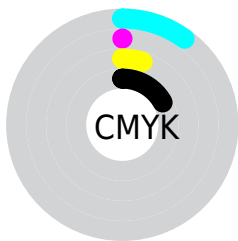
Distribution



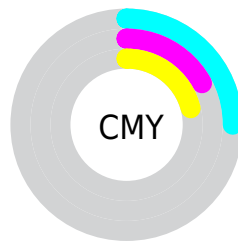
- Red (75%)
- Green (83%)
- Blue (79%)



- Red (75%)
- Yellow (80%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)





- Cyan (25%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8819, 0.3048, 0.3410 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 61.8819, 0.3048, 0.3410 by changing the saturation by 10% instead.


 61.8819, 0.3048,
0.3410

 61.8819, 0.3048,
0.3410

431.5002, 0.3086,
0.3352

 44.9373, 0.3039,
0.3424


 107.5548, 0.3061,
0.3390

 31.4080, 0.3028,
0.3441


137.0519, 0.3067,
0.3382

 20.9097, 0.3013,
0.3464

171.5020, 0.3071,
0.3375

 13.0580, 0.2993,
0.3494

211.2893, 0.3075,
0.3369

 7.4685, 0.2965,
0.3537

256.7985, 0.3078,
0.3364

 3.7568, 0.2922,
0.3603

308.4137, 0.3081,

 1.5385, 0.2848,

0.3360

0.3718

366.5195, 0.3084,
0.3356

0.3156, 0.1584,
0.5609

0.0000, 0.0000,
0.0000

61.8819, 0.3048,
0.3410

61.8819, 0.3048,
0.3410

58.8640, 0.2967,
0.3551

65.3333, 0.3131,
0.3284

56.2542, 0.2890,
0.3706


69.2268, 0.3215,
0.3172

54.0365, 0.2822,
0.3876


73.5805, 0.3297,
0.3074

52.1908, 0.2763,
0.4057


74.3405, 0.3228,
0.2972


 50.6949, 0.2719,
0.4248


 74.9972, 0.3156,
0.2873

 49.5245, 0.2692,
0.4445

 75.0776, 0.3147,
0.2861

 48.6517, 0.2685,
0.4641

 48.0438, 0.2698,
0.4833

 47.6451, 0.2727,
0.5014

Harmonies

Analogous

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



61.8819, 0.3163, 0.3476



61.8819, 0.3048, 0.3410



61.8819, 0.2955, 0.3310

Triad

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



61.8819, 0.3048, 0.3410



61.8819, 0.2984, 0.3095



61.8819, 0.3351, 0.3366

Complementary

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



61.8819, 0.3048, 0.3410



55.3104, 0.3214, 0.3173

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.



61.8819, 0.3301, 0.3267



61.8819, 0.3048, 0.3410



61.8819, 0.3088, 0.3112

Square

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



61.8819, 0.3048, 0.3410



61.8819, 0.2919, 0.3129



61.8819, 0.3205, 0.3175



61.8819, 0.3339, 0.3448

Rectangle

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



61.8819, 0.3048, 0.3410



61.8819, 0.2918, 0.3240



61.8819, 0.3205, 0.3175



61.8819, 0.3341, 0.3334

Sweetspot

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



61.8845, 0.3048, 0.3410



98.3339, 0.3102, 0.3327



62.8193, 0.3194, 0.3528



20.9544, 0.3095, 0.3337



0.0000, 0.0000, 0.0000



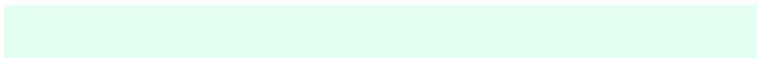
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8845, 0.3048, 0.3410



94.1920, 0.3035, 0.3432



62.3555, 0.2984, 0.3294



13.3034, 0.3049, 0.3409



28.7584, 0.2721, 0.4996



1.6240, 0.2628, 0.4659

Inverse Universe

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



55.3104, 0.3214, 0.3173



82.5204, 0.3231, 0.3152



54.8682, 0.3290, 0.3287



11.9054, 0.3213, 0.3174



9.0005, 0.4944, 0.2497



0.5193, 0.4541, 0.2275

Previews

White Background



This preview shows how the Yxy color 61.8819, 0.3048, 0.3410 looks on a white background.

Color Contrast Check

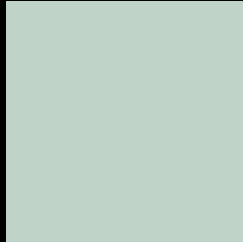
Large Text (above 18pt) WCAG AA × Fail

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 61.8819, 0.3048, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

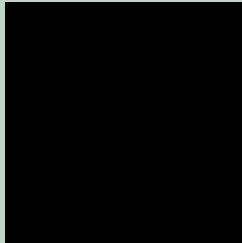
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

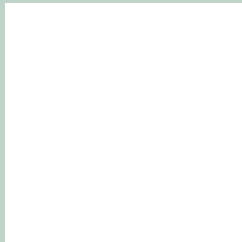
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8819, 0.3048, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 61.8819, 0.3048, 0.3410.

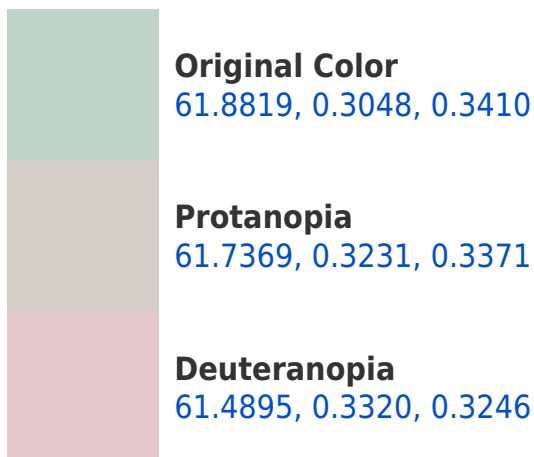


This preview shows how white text looks on a background with the Yxy color 61.8819, 0.3048, 0.3410.

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

62.0957, 0.2925, 0.3104

Trichromacy



Original Color

61.8819, 0.3048, 0.3410

Protanomaly

61.5865, 0.3161, 0.3384

Deuteranomaly

61.2723, 0.3220, 0.3302

Tritanomaly

62.0281, 0.2970, 0.3208

Monochromacy



Original Color

61.8819, 0.3048, 0.3410

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.0796, 0.3095, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8819, 0.3048, 0.3410 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(191, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(191, 211, 201)  
}
```

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(191, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 211, 201) }
```

Border

The CSS property to change the border of an element to Yxy 61.8819, 0.3048, 0.3410 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(191, 211, 201) }
```

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

```
.border{ border-color:rgb(191, 211, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 211, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(191, 211,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8819, 0.3048, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 211, 201) }
```

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

```
.background{ background-color: rgb(191,  
211, 201) }
```

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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