

Converting Colors

Yxy(61.6140, 0.3051, 0.3403)

Have a look what the booklet for
Yxy(61.6140, 0.3051, 0.3403)
contains.

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Color

Yxy(61.3866, 0.3048, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	BFD2C9
RGB	191, 210, 201
RGB Percent	75%, 82%, 79%
CMY	0.2512, 0.1764, 0.2118
CMYK	0.09, 0.00, 0.04, 0.18
HSL	152°, 17%, 79%
HSV	152°, 9%, 82%
XYZ	55.0637, 61.3866, 64.2048
YIQ	203.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

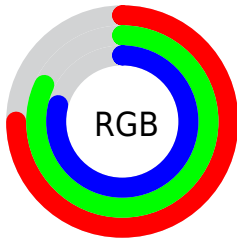
Format	Color
RYB	191, 203, 210
Decimal	12571337
CIELab	82.59, -8.12, 2.26
CIELCh	83, 8.433, 164.430
Yxy	61.3866, 0.3048, 0.3398
Android (android.graphics.Color)	4290761417 (0xFFBFD2C9)
YUV	203.2930, -1.1304, -10.7810
Hunter-Lab	78.3496, -11.6630, 6.2586

Details

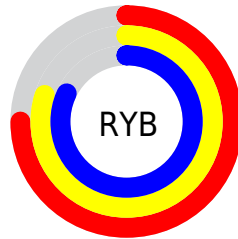
The Yxy color **61.3866, 0.3048, 0.3398** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1086, 0.3214, 0.3184**, and the grayscale version is **59.9215, 0.3127, 0.3290**.

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 **58.4074, 0.2963, 0.3530**, and if you desaturate by 10%, it is **64.7916, 0.3135, 0.3280**.

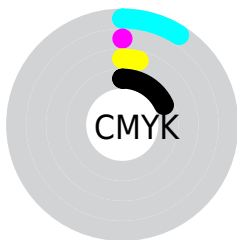
Distribution



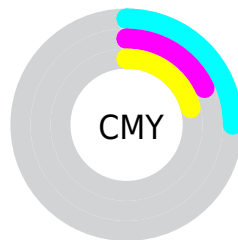
- Red (75%)
- Green (82%)
- Blue (79%)



- Red (75%)
- Yellow (80%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)




- Cyan (25%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3866, 0.3048, 0.3398 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 61.3866, 0.3048, 0.3398 by changing the saturation by 10% instead.


 61.3866, 0.3048,
0.3398

 61.3866, 0.3048,
0.3398

429.6901, 0.3086,
0.3346

 44.5372, 0.3039,
0.3410


 106.8385, 0.3061,
0.3380

 31.0931, 0.3028,
0.3426


136.2098, 0.3067,
0.3373

 20.6697, 0.3013,
0.3446


170.5240, 0.3071,
0.3367

 12.8828, 0.2993,
0.3474

210.1652, 0.3075,
0.3361

 7.3479, 0.2965,
0.3512

255.5181, 0.3078,
0.3357

 3.6806, 0.2922,
0.3572

306.9669, 0.3081,

 1.4966, 0.2848,

0.3353

0.3676

364.8961, 0.3084,
0.3349

0.2863, 0.1437,
0.5574

0.0000, 0.0000,
0.0000

61.3866, 0.3048,
0.3398

61.3866, 0.3048,
0.3398

58.4074, 0.2963,
0.3530

64.7916, 0.3135,
0.3280

55.8292, 0.2883,
0.3676

68.6306, 0.3223,
0.3175

53.6361, 0.2811,
0.3835

72.9216, 0.3309,
0.3082

51.8085, 0.2750,
0.4005

73.6972, 0.3246,
0.2986

■ 50.3247, 0.2702,
0.4185

■ 74.3059, 0.3177,
0.2892

■ 49.1608, 0.2673,
0.4370

■ 74.5834, 0.3148,
0.2851

■ 48.2897, 0.2662,
0.4556

■ 47.6794, 0.2672,
0.4738

■ 47.2779, 0.2700,
0.4912

Harmonies

Analogous

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



61.3866, 0.3155, 0.3462



61.3866, 0.3048, 0.3398



61.3866, 0.2963, 0.3304

Triad

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



61.3866, 0.3048, 0.3398



61.3866, 0.2998, 0.3107



61.3866, 0.3337, 0.3366

Complementary

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



61.3866, 0.3048, 0.3398



55.1086, 0.3214, 0.3184

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.



61.3866, 0.3294, 0.3273



61.3866, 0.3048, 0.3398



61.3866, 0.3096, 0.3126

Square

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



61.3866, 0.3048, 0.3398



61.3866, 0.2934, 0.3137



61.3866, 0.3205, 0.3186



61.3866, 0.3323, 0.3441

Rectangle

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



61.3866, 0.3048, 0.3398



61.3866, 0.2930, 0.3239



61.3866, 0.3205, 0.3186



61.3866, 0.3329, 0.3336

Sweetspot

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



61.3892, 0.3048, 0.3398



98.3471, 0.3101, 0.3325



62.1642, 0.3186, 0.3517



20.9580, 0.3094, 0.3334



0.0000, 0.0000, 0.0000



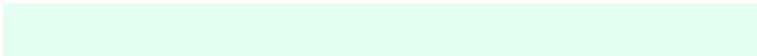
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3892, 0.3048, 0.3398



94.2380, 0.3030, 0.3424



61.6694, 0.2988, 0.3286



13.3090, 0.3045, 0.3402



28.8331, 0.2695, 0.4903



1.6281, 0.2606, 0.4581

Inverse Universe

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



55.1086, 0.3214, 0.3184



82.4746, 0.3236, 0.3160



54.8382, 0.3284, 0.3294



11.9000, 0.3218, 0.3181



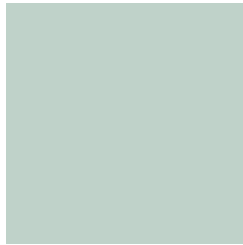
8.9305, 0.5060, 0.2561



0.5153, 0.4632, 0.2325

Previews

White Background



This preview shows how the Yxy color 61.3866, 0.3048, 0.3398 looks on a white background.

Color Contrast Check

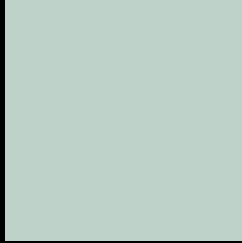
Large Text (above 18pt) WCAG AA × Fail

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 61.3866, 0.3048, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

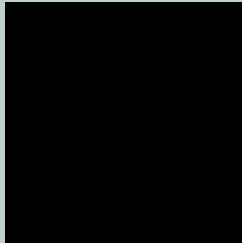
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

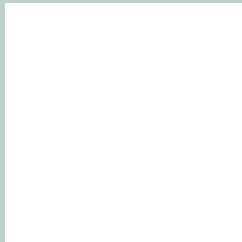
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3866, 0.3048, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 61.3866, 0.3048, 0.3398.

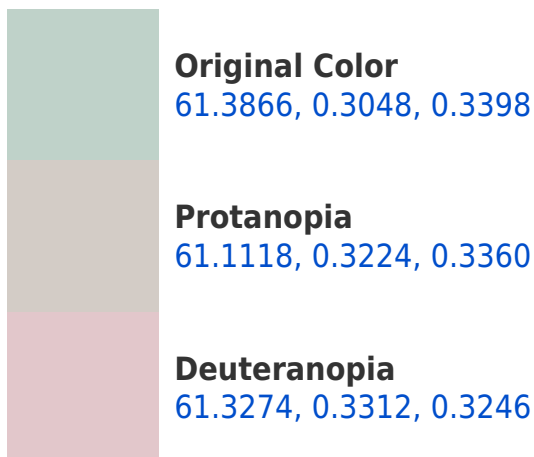


This preview shows how white text looks on a background with the Yxy color 61.3866, 0.3048, 0.3398.

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

61.5555, 0.2931, 0.3104

Trichromacy



Original Color

61.3866, 0.3048, 0.3398

Protanomaly

61.1035, 0.3161, 0.3372

Deuteranomaly

61.1223, 0.3212, 0.3302

Tritanomaly

61.4874, 0.2977, 0.3207

Monochromacy



Original Color

61.3866, 0.3048, 0.3398

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.5490, 0.3102, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3866, 0.3048, 0.3398 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, 210, 201)` looks like.

```
.text, #text, p{  
    color:rgb(191, 210, 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, 210, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 210, 201) }
```

Border

The CSS property to change the border of an element to Yxy 61.3866, 0.3048, 0.3398 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, 210, 201) }
```

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

```
.border{ border-color:rgb(191, 210, 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, 210, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 210, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 210, 201);  
box-shadow:4px 4px 4px 4px rgb(191, 210,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3866, 0.3048, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 210, 201) }
```

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

```
.background{ background-color: rgb(191,  
210, 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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