

Converting Colors

Yxy(61.1165, 0.3120, 0.3744)

Have a look what the booklet for
Yxy(61.1165, 0.3120, 0.3744)
contains.

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Color

Yxy(61.0108, 0.3121, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	B4D6B2
RGB	180, 214, 178
RGB Percent	71%, 84%, 70%
CMY	0.2939, 0.1608, 0.3020
CMYK	0.16, 0.00, 0.17, 0.16
HSL	117°, 31%, 77%
HSV	117°, 17%, 84%
XYZ	50.9130, 61.0108, 51.2067
YIQ	199.7300, -8.7080, -18.4040

Conversions

Conversions Part 2

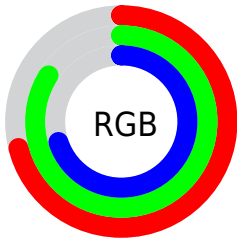
Format	Color
RYB	178, 214, 212
Decimal	11851442
CIELab	82.38, -18.00, 14.10
CIELCh	82, 22.865, 141.936
Yxy	61.0108, 0.3121, 0.3740
Android (android.graphics.Color)	4290041522 (0xFFB4D6B2)
YUV	199.7300, -10.7129, -17.3032
Hunter-Lab	78.1094, -20.3422, 15.8075

Details

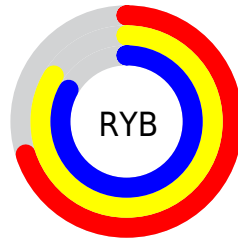
The Yxy color **61.0108, 0.3121, 0.3740** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.6786, 0.3129, 0.2874**, and the grayscale version is **57.6616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2934, 0.3130, 0.3500**, and **30.7890, 0.3119, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **57.9713, 0.3115, 0.4051**, and if you desaturate by 10%, it is **64.5420, 0.3125, 0.3461**.

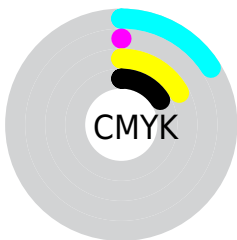
Distribution



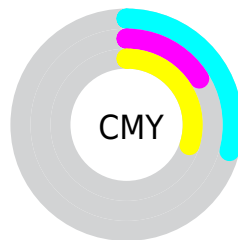
- Red (71%)
- Green (84%)
- Blue (70%)



- Red (70%)
- Yellow (84%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0108, 0.3121, 0.3740 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 61.0108, 0.3121, 0.3740 by changing the saturation by 10% instead.


 61.0108, 0.3121,
0.3740

 61.0108, 0.3121,
0.3740


428.3136, 0.3127,
0.3519

 44.2339, 0.3119,
0.3794

 106.2946, 0.3124,
0.3661

 30.8544, 0.3115,
0.3863


135.5702, 0.3125,
0.3630

 20.4880, 0.3110,
0.3953

169.7809, 0.3125,
0.3605

 12.7503, 0.3101,
0.4076

209.3110, 0.3126,
0.3583

 7.2568, 0.3085,
0.4256

254.5449, 0.3126,
0.3564

 3.6232, 0.3053,
0.4538

305.8671, 0.3127,

 1.4651, 0.3046,

0.3547

0.5166

363.6618, 0.3127,
0.3532

0.2640, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.0108, 0.3121,
0.3740

61.0108, 0.3121,
0.3740

57.9713, 0.3115,
0.4051

64.5420, 0.3125,
0.3461

55.3944, 0.3106,
0.4389

68.5771, 0.3128,
0.3216

53.2597, 0.3094,
0.4742

73.1377, 0.3129,
0.3002

51.5423, 0.3080,
0.5091

76.5697, 0.3146,
0.2891

■ 50.2148, 0.3063,
0.5412

■ 49.2467, 0.3045,
0.5677

■ 48.6027, 0.3028,
0.5866

■ 48.2397, 0.3013,
0.5970

■ 48.1697, 0.3010,
0.5992

Harmonies

Analogous

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



61.0108, 0.3408, 0.3812



61.0108, 0.3121, 0.3740



61.0108, 0.2844, 0.3528

Triad

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



61.0108, 0.3121, 0.3740



61.0108, 0.2643, 0.2845



61.0108, 0.3628, 0.3297

Complementary

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



61.0108, 0.3121, 0.3740



50.6786, 0.3129, 0.2874

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.



61.0108, 0.3405, 0.3065



61.0108, 0.3121, 0.3740



61.0108, 0.2835, 0.2809

Square

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



61.0108, 0.3121, 0.3740



61.0108, 0.2577, 0.3001



61.0108, 0.3112, 0.2890



61.0108, 0.3710, 0.3538

Rectangle

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



61.0108, 0.3121, 0.3740



61.0108, 0.2702, 0.3344



61.0108, 0.3112, 0.2890



61.0108, 0.3567, 0.3216

Sweetspot

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



61.0134, 0.3121, 0.3740



96.9970, 0.3126, 0.3415



64.3929, 0.3383, 0.3679



20.6744, 0.3126, 0.3433



0.0000, 0.0000, 0.0000



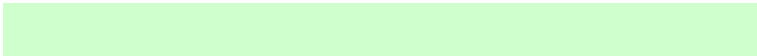
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0134, 0.3121, 0.3740



89.1338, 0.3119, 0.3842



61.4303, 0.3004, 0.3542



13.9296, 0.3124, 0.3530



29.1323, 0.3013, 0.5989



1.7693, 0.3056, 0.5956

Inverse Universe

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



50.6786, 0.3129, 0.2874



71.1158, 0.3129, 0.2788



50.2277, 0.3273, 0.3051



12.5948, 0.3129, 0.3060



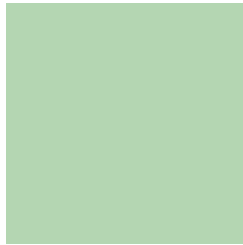
10.5181, 0.3067, 0.1463



0.6457, 0.3093, 0.1478

Previews

White Background



This preview shows how the Yxy color 61.0108, 0.3121, 0.3740 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 61.0108, 0.3121, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

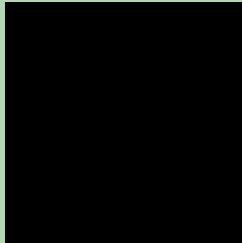
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

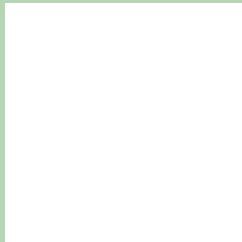
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0108, 0.3121, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 61.0108, 0.3121, 0.3740.

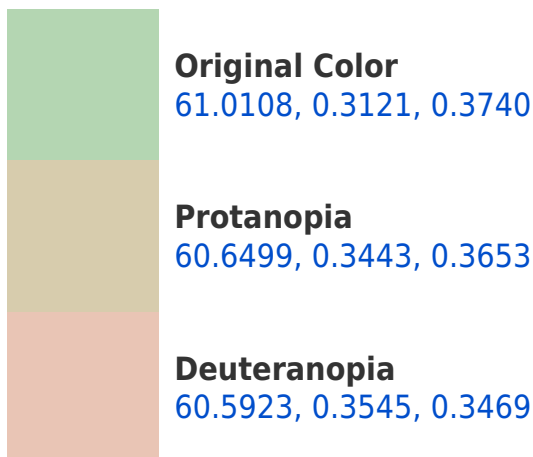


This preview shows how white text looks on a background with the Yxy color 61.0108, 0.3121, 0.3740.

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

61.1849, 0.2877, 0.3102

Trichromacy



Original Color

61.0108, 0.3121, 0.3740

Protanomaly

60.7635, 0.3316, 0.3687

Deuteranomaly

60.3033, 0.3383, 0.3559

Tritanomaly

60.9125, 0.2966, 0.3326

Monochromacy



Original Color

61.0108, 0.3121, 0.3740

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.8059, 0.3127, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0108, 0.3121, 0.3740 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(180, 214, 178)` looks like.

```
.text, #text, p{  
    color:rgb(180, 214, 178)  
}
```

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(180, 214, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 214, 178) }
```

Border

The CSS property to change the border of an element to Yxy 61.0108, 0.3121, 0.3740 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(180, 214, 178) }
```

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

```
.border{ border-color:rgb(180, 214, 178) }
```

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

Here you see how a box with a 4 pixel rgb(180, 214, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 214, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 214, 178);  
box-shadow:4px 4px 4px 4px rgb(180, 214,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0108, 0.3121, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 214, 178) }
```

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

```
.background{ background-color: rgb(180,  
214, 178) }
```

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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