

Converting Colors

Yxy(64.2714, 0.3060, 0.3673)

Have a look what the booklet for
Yxy(64.2714, 0.3060, 0.3673)
contains.

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Color

Yxy(64.1176, 0.3060, 0.3670)

Conversions

Conversions Part 1

Format	Color
Hex	B5DBBC
RGB	181, 219, 188
RGB Percent	71%, 86%, 74%
CMY	0.2903, 0.1411, 0.2628
CMYK	0.17, 0.00, 0.14, 0.14
HSL	131°, 35%, 78%
HSV	131°, 17%, 86%
XYZ	53.4605, 64.1176, 57.1293
YIQ	204.1040, -12.6970, -17.6970

Conversions

Conversions Part 2

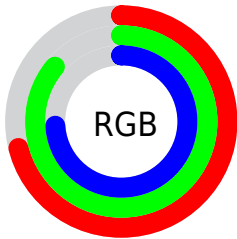
Format	Color
RYB	181, 213, 219
Decimal	11918268
CIELab	84.03, -18.42, 11.15
CIElCh	84, 21.531, 148.812
Yxy	64.1176, 0.3060, 0.3670
Android (android.graphics.Color)	4290108348 (0xFFB5DBBC)
YUV	204.1040, -7.9393, -20.2622
Hunter-Lab	80.0735, -20.9544, 13.7503

Details

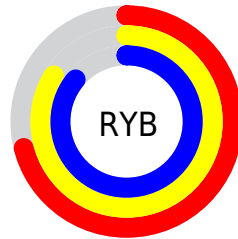
The Yxy color **64.1176, 0.3060, 0.3670** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.8557, 0.3202, 0.2938**, and the grayscale version is **60.5089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0562, 0.3079, 0.3399**, and **32.8894, 0.3041, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **60.9546, 0.3022, 0.3926**, and if you desaturate by 10%, it is **67.7976, 0.3099, 0.3441**.

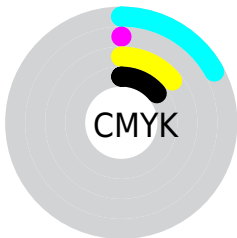
Distribution



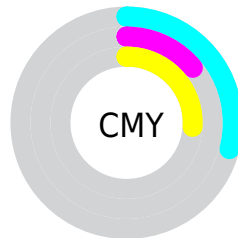
- Red (71%)
- Green (86%)
- Blue (74%)



- Red (71%)
- Yellow (84%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)





- Cyan (29%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1176, 0.3060, 0.3670 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 64.1176, 0.3060, 0.3670 by changing the saturation by 10% instead.


 64.1176, 0.3060,
0.3670

 64.1176, 0.3060,
0.3670

439.6142, 0.3094,
0.3485

 46.7459, 0.3051,
0.3715

 110.7803, 0.3073,
0.3604

 32.8348, 0.3040,
0.3771


140.8401, 0.3077,
0.3579

 22.0000, 0.3025,
0.3845


175.8980, 0.3081,
0.3558

 13.8569, 0.3004,
0.3945

216.3386, 0.3085,
0.3539

 8.0212, 0.2973,
0.4088

262.5461, 0.3087,
0.3523

 4.1085, 0.2921,
0.4312


314.9049, 0.3090,

 1.7344, 0.2822,


0.3509


0.4706


373.7995, 0.3092,
0.3496


 0.4458, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 64.1176, 0.3060,
0.3670


 64.1176, 0.3060,
0.3670


 60.9546, 0.3022,
0.3926


 67.7976, 0.3099,
0.3441

 58.2775, 0.2986,
0.4207

 72.0078, 0.3137,
0.3239

 56.0644, 0.2955,
0.4506

 76.7711, 0.3174,
0.3063

 54.2886, 0.2932,
0.4814

 79.1482, 0.3144,
0.2940

■ 52.9205, 0.2919,
0.5115

■ 51.9268, 0.2918,
0.5391

■ 51.2688, 0.2929,
0.5625

■ 50.8955, 0.2950,
0.5802

■ 50.8239, 0.2955,
0.5839

Harmonies

Analogous

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



64.1176, 0.3331, 0.3770



64.1176, 0.3060, 0.3670



64.1176, 0.2815, 0.3454

Triad

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



64.1176, 0.3060, 0.3670



64.1176, 0.2709, 0.2860



64.1176, 0.3621, 0.3350

Complementary

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



64.1176, 0.3060, 0.3670



52.8557, 0.3202, 0.2938

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.



64.1176, 0.3441, 0.3128



64.1176, 0.3060, 0.3670



64.1176, 0.2910, 0.2851

Square

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



64.1176, 0.3060, 0.3670



64.1176, 0.2619, 0.2981



64.1176, 0.3177, 0.2949



64.1176, 0.3662, 0.3569

Rectangle

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



64.1176, 0.3060, 0.3670



64.1176, 0.2697, 0.3281



64.1176, 0.3177, 0.2949



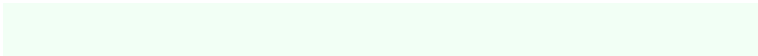
64.1176, 0.3574, 0.3274

Sweetspot

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



64.1203, 0.3060, 0.3670



97.0097, 0.3108, 0.3392



68.0064, 0.3334, 0.3727



20.6774, 0.3105, 0.3407



0.0000, 0.0000, 0.0000



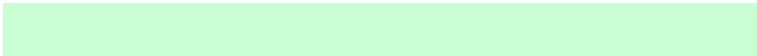
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1203, 0.3060, 0.3670



88.7192, 0.3045, 0.3765



64.9933, 0.2940, 0.3434



14.6453, 0.3091, 0.3486



30.1448, 0.2950, 0.5819



1.9647, 0.2870, 0.5530

Inverse Universe

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



52.8557, 0.3202, 0.2938



69.8439, 0.3221, 0.2858



51.9535, 0.3358, 0.3151



13.2315, 0.3166, 0.3101



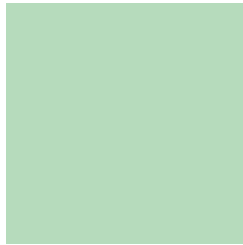
10.8661, 0.3736, 0.1831



0.7149, 0.3635, 0.1776

Previews

White Background



This preview shows how the Yxy color 64.1176, 0.3060, 0.3670 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 64.1176, 0.3060, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

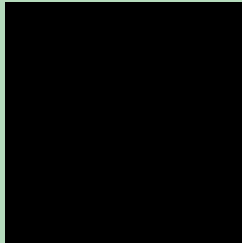
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

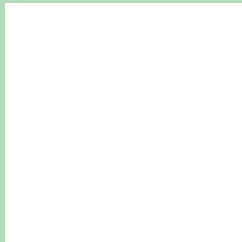
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1176, 0.3060, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 64.1176, 0.3060, 0.3670.

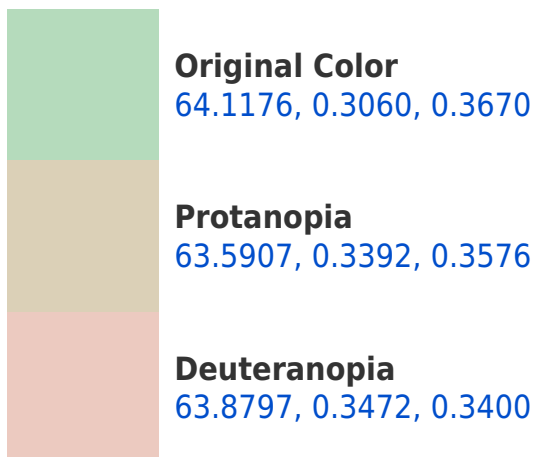


This preview shows how white text looks on a background with the Yxy color 64.1176, 0.3060, 0.3670.

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

63.9930, 0.2842, 0.3093

Trichromacy



Original Color

64.1176, 0.3060, 0.3670

Protanomaly

63.5689, 0.3262, 0.3608

Deuteranomaly

63.4723, 0.3310, 0.3485

Tritanomaly

63.8215, 0.2916, 0.3289

Monochromacy



Original Color

64.1176, 0.3060, 0.3670

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.4139, 0.3106, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1176, 0.3060, 0.3670 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(181, 219, 188)` looks like.

```
.text, #text, p{  
    color:rgb(181, 219, 188)  
}
```

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(181, 219, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 219, 188) }
```

Border

The CSS property to change the border of an element to Yxy 64.1176, 0.3060, 0.3670 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(181, 219, 188) }
```

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

```
.border{ border-color:rgb(181, 219, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 219, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 219, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 219, 188); box-shadow:4px 4px 4px 4px rgb(181, 219, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1176, 0.3060, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 219, 188) }
```

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

```
.background{ background-color: rgb(181,  
219, 188) }
```

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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