

Converting Colors

Yxy(60.4423, 0.3130, 0.3841)

Have a look what the booklet for
Yxy(60.4423, 0.3130, 0.3841)
contains.

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Color

Yxy(60.6551, 0.3130, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	AFD7AB
RGB	175, 215, 171
RGB Percent	69%, 84%, 67%
CMY	0.3136, 0.1569, 0.3294
CMYK	0.19, 0.00, 0.20, 0.16
HSL	114°, 35%, 76%
HSV	114°, 20%, 84%
XYZ	49.3374, 60.6551, 47.6351
YIQ	198.0240, -9.7160, -22.1640

Conversions

Conversions Part 2

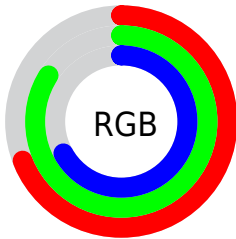
Format	Color
RYB	171, 215, 211
Decimal	11524011
CIELab	82.19, -21.41, 17.47
CIElCh	82, 27.632, 140.785
Yxy	60.6551, 0.3130, 0.3848
Android (android.graphics.Color)	4289714091 (0xFFAFD7AB)
YUV	198.0240, -13.3228, -20.1920
Hunter-Lab	77.8814, -23.2136, 18.2531

Details

The Yxy color **60.6551, 0.3130, 0.3848** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.8742, 0.3116, 0.2779**, and the grayscale version is **56.5801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9999, 0.3144, 0.3585**, and **30.6111, 0.3122, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **57.8044, 0.3128, 0.4168**, and if you desaturate by 10%, it is **63.9709, 0.3130, 0.3558**.

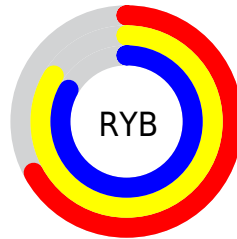
Distribution



Red (69%)

Green (84%)

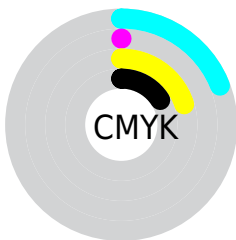
Blue (67%)



Red (67%)

Yellow (84%)

Blue (83%)

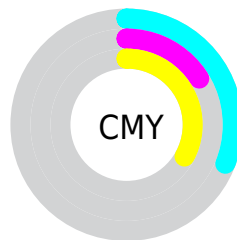


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (16%)



Cyan (31%)


Magenta (16%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6551, 0.3130, 0.3848 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 60.6551, 0.3130, 0.3848 by changing the saturation by 10% instead.


 60.6551, 0.3130,
0.3848

 60.6551, 0.3130,
0.3848


427.0083, 0.3133,
0.3572

 43.9469, 0.3128,
0.3916


 105.7794, 0.3132,
0.3749

 30.6288, 0.3124,
0.4002


134.9642, 0.3133,
0.3711

 20.3163, 0.3118,
0.4116


169.0768, 0.3133,
0.3679

 12.6252, 0.3107,
0.4272

208.5014, 0.3133,
0.3652

 7.1710, 0.3086,
0.4500

253.6224, 0.3133,
0.3628

 3.5692, 0.3041,
0.4860

304.8243, 0.3133,

 1.4357, 0.3111,

0.3607

0.5873

362.4915, 0.3133,
0.3589

0.2428, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.6551, 0.3130,
0.3848

60.6551, 0.3130,
0.3848

57.8044, 0.3128,
0.4168

63.9709, 0.3130,
0.3558

55.3908, 0.3122,
0.4509

67.7633, 0.3127,
0.3301

53.3949, 0.3112,
0.4860

72.0528, 0.3124,
0.3076

51.7928, 0.3098,
0.5199

76.7271, 0.3132,
0.2899

■ 50.5584, 0.3080,
0.5501

■ 77.0783, 0.3145,
0.2900

■ 49.6621, 0.3059,
0.5741

■ 49.0699, 0.3036,
0.5902

■ 48.7445, 0.3018,
0.5985

Harmonies

Analogous

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



60.6551, 0.3476, 0.3924



60.6551, 0.3130, 0.3848



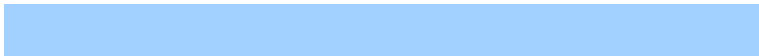
60.6551, 0.2796, 0.3592

Triad

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



60.6551, 0.3130, 0.3848



60.6551, 0.2540, 0.2758



60.6551, 0.3728, 0.3283

Complementary

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



60.6551, 0.3130, 0.3848



47.8742, 0.3116, 0.2779

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.



60.6551, 0.3450, 0.3010



60.6551, 0.3130, 0.3848



60.6551, 0.2763, 0.2713

Square

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



60.6551, 0.3130, 0.3848



60.6551, 0.2468, 0.2946



60.6551, 0.3092, 0.2806



60.6551, 0.3834, 0.3573

Rectangle

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



60.6551, 0.3130, 0.3848



60.6551, 0.2622, 0.3366



60.6551, 0.3092, 0.2806



60.6551, 0.3651, 0.3187

Sweetspot

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



60.6577, 0.3130, 0.3848



96.5129, 0.3129, 0.3441



63.7745, 0.3443, 0.3749



20.5799, 0.3129, 0.3458



0.0000, 0.0000, 0.0000



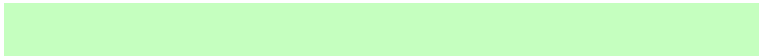
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6577, 0.3130, 0.3848



87.1775, 0.3129, 0.3997



60.9131, 0.2987, 0.3622



13.9500, 0.3129, 0.3530



29.1767, 0.3023, 0.5982



1.7790, 0.3088, 0.5930

Inverse Universe

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



47.8742, 0.3116, 0.2779



64.7565, 0.3112, 0.2657



47.6221, 0.3298, 0.2980



12.5720, 0.3123, 0.3059



9.9180, 0.2980, 0.1415



0.6155, 0.3022, 0.1439

Previews

White Background



This preview shows how the Yxy color 60.6551, 0.3130, 0.3848 looks on a white background.

Color Contrast Check

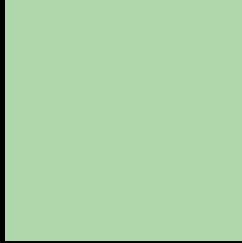
Large Text (above 18pt) WCAG AA × Fail

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 60.6551, 0.3130, 0.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

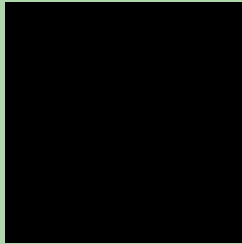
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6551, 0.3130, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 60.6551, 0.3130, 0.3848.



This preview shows how white text looks on a background with the Yxy color 60.6551, 0.3130, 0.3848.

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



Original Color

60.6551, 0.3130, 0.3848

Protanopia

60.5013, 0.3511, 0.3746

Deuteranopia

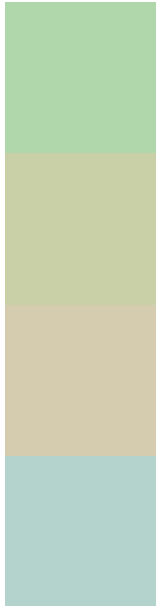
60.0674, 0.3604, 0.3525



Tritanopia

60.6839, 0.2849, 0.3100

Trichromacy



Original Color

60.6551, 0.3130, 0.3848

Protanomaly

60.3193, 0.3366, 0.3786

Deuteranomaly

59.9140, 0.3421, 0.3631

Tritanomaly

60.8201, 0.2951, 0.3363

Monochromacy



Original Color

60.6551, 0.3130, 0.3848

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.7637, 0.3133, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6551, 0.3130, 0.3848 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(175, 215, 171)` looks like.

```
.text, #text, p{  
    color:rgb(175, 215, 171)  
}
```

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(175, 215, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 215, 171) }
```

Border

The CSS property to change the border of an element to Yxy 60.6551, 0.3130, 0.3848 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(175, 215, 171) }
```

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

```
.border{ border-color:rgb(175, 215, 171) }
```

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

Here you see how a box with a 4 pixel rgb(175, 215, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 215, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 215, 171);  
box-shadow:4px 4px 4px 4px rgb(175, 215,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6551, 0.3130, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 215, 171) }
```

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

```
.background{ background-color: rgb(175,  
215, 171) }
```

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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