

Converting Colors

$Yxy(48.7757, 0.3545, 0.4151)$

Have a look what the booklet for
Yxy(48.7757, 0.3545, 0.4151)
contains.

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Color

Yxy(48.7130, 0.3553, 0.4151)

Conversions

Conversions Part 1

Format	Color
Hex	B6BF7E
RGB	182, 191, 126
RGB Percent	71%, 75%, 49%
CMY	0.2861, 0.2510, 0.5059
CMYK	0.05, 0.00, 0.34, 0.25
HSL	68°, 34%, 62%
HSV	68°, 34%, 75%
XYZ	41.6953, 48.7130, 26.9441
YIQ	180.8990, 15.5010, -22.1230

Conversions

Conversions Part 2

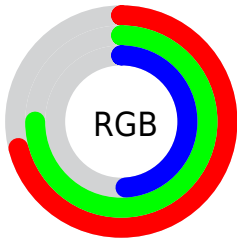
Format	Color
RYB	126, 191, 135
Decimal	11976574
CIELab	75.27, -13.50, 31.80
CIELCh	75, 34.549, 113.002
Yxy	48.7130, 0.3553, 0.4151
Android (android.graphics.Color)	4290166654 (0xFFB6BF7E)
YUV	180.8990, -27.0652, 0.9656
Hunter-Lab	69.7947, -15.5049, 25.9675

Details

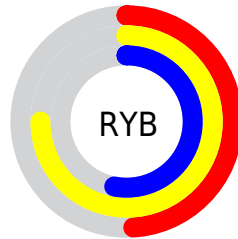
The Yxy color **48.7130, 0.3553, 0.4151** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.8311, 0.2603, 0.2310**, and the grayscale version is **46.2980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1269, 0.3488, 0.3993**, and **23.2880, 0.3648, 0.4402** is the 20% darker color. If you saturate the color by 10%, you get **47.9508, 0.3668, 0.4401**, and if you desaturate by 10%, it is **49.5797, 0.3430, 0.3893**.

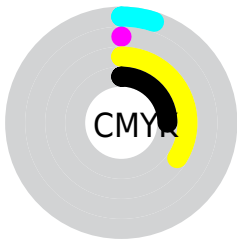
Distribution



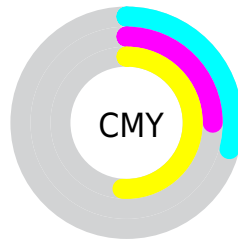
- Red (71%)
- Green (75%)
- Blue (49%)



- Red (49%)
- Yellow (75%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (34%)
- Black (25%)





- Cyan (29%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7130, 0.3553, 0.4151 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 48.7130, 0.3553, 0.4151 by changing the saturation by 10% instead.


 48.7130, 0.3553,
0.4151


 48.7130, 0.3553,
0.4151

381.6114, 0.3352,
0.3716


 34.3919, 0.3598,
0.4259


 88.2650, 0.3483,
0.3993

 23.1948, 0.3653,
0.4398


 114.2648, 0.3456,
0.3933

 14.7374, 0.3718,
0.4579


 144.9261, 0.3433,
0.3883

 8.6353, 0.3796,
0.4825

180.6335, 0.3412,
0.3840

 4.5041, 0.3881,
0.5174

221.7713, 0.3394,
0.3803

 1.9593, 0.4092,
0.5908

268.7240, 0.3379,

 0.5837, 0.2784,

0.3770

0.7216

321.8759, 0.3364,
0.3741

0.0000, 0.0000,
0.0000

48.7130, 0.3553,
0.4151

48.7130, 0.3553,
0.4151

47.9508, 0.3668,
0.4401

49.5797, 0.3430,
0.3893

47.2812, 0.3770,
0.4634

50.5493, 0.3303,
0.3636

46.7004, 0.3852,
0.4838


51.6287, 0.3177,
0.3387

46.2017, 0.3912,
0.5006


52.8222, 0.3055,
0.3150


45.7775, 0.3946,
0.5130


54.1340, 0.2939,
0.2930

 45.4184, 0.3955,
0.5210

 55.5678, 0.2830,
0.2726

 45.2242, 0.3952,
0.5244

 56.8211, 0.2758,
0.2585

 57.1875, 0.2776,
0.2588

 57.5603, 0.2794,
0.2592

Harmonies

Analogous

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



48.7130, 0.3922, 0.3997



48.7130, 0.3553, 0.4151



48.7130, 0.3086, 0.4039

Triad

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



48.7130, 0.3553, 0.4151



48.7130, 0.2259, 0.2797



48.7130, 0.3592, 0.2941

Complementary

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



48.7130, 0.3553, 0.4151



23.8311, 0.2603, 0.2310

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.



48.7130, 0.3111, 0.2670



48.7130, 0.3553, 0.4151



48.7130, 0.2367, 0.2572

Square

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



48.7130, 0.3553, 0.4151



48.7130, 0.2357, 0.3193



48.7130, 0.2667, 0.2536



48.7130, 0.3958, 0.3298

Rectangle

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



48.7130, 0.3553, 0.4151



48.7130, 0.2785, 0.3813



48.7130, 0.2667, 0.2536



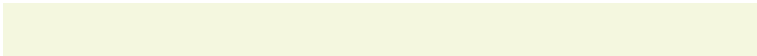
48.7130, 0.3436, 0.2839

Sweetspot

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



48.7152, 0.3553, 0.4151



91.2656, 0.3254, 0.3538



29.8176, 0.3875, 0.3412



19.9819, 0.3272, 0.3574



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.7152, 0.3553, 0.4151



86.1969, 0.3642, 0.4343



45.2333, 0.3272, 0.4235



11.0521, 0.3244, 0.3518



29.7491, 0.3955, 0.5241



1.1839, 0.4016, 0.5193

Inverse Universe

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



23.8311, 0.2603, 0.2310



34.7391, 0.2459, 0.2054



26.9172, 0.2919, 0.2393



9.2867, 0.3005, 0.3054



2.6401, 0.1560, 0.0633



0.1240, 0.1738, 0.0731

Previews

White Background



This preview shows how the Yxy color 48.7130, 0.3553, 0.4151 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 48.7130, 0.3553, 0.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

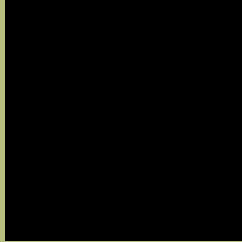
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7130, 0.3553, 0.4151

Background



This preview shows how black text looks on a background with the Yxy color 48.7130, 0.3553, 0.4151.



This preview shows how white text looks on a background with the Yxy color 48.7130, 0.3553, 0.4151.

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

48.7130, 0.3553, 0.4151

Protanopia

48.5707, 0.3765, 0.4057

Deuteranopia

48.4014, 0.3947, 0.3860



Tritanopia

48.5635, 0.3086, 0.3103

Trichromacy



Original Color

48.7130, 0.3553, 0.4151

Protanomaly

48.4907, 0.3684, 0.4086

Deuteranomaly

48.2798, 0.3802, 0.3960

Tritanomaly

48.3296, 0.3264, 0.3471

Monochromacy



Original Color

48.7130, 0.3553, 0.4151

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.0949, 0.3283, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7130, 0.3553, 0.4151 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(182, 191, 126)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 126)  
}
```

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(182, 191, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 126) }
```

Border

The CSS property to change the border of an element to Yxy 48.7130, 0.3553, 0.4151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

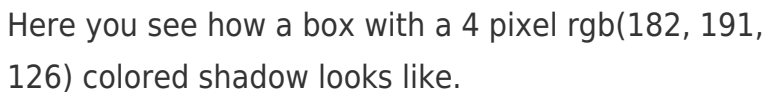
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 191, 126) }
```

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

```
.border{ border-color:rgb(182, 191, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 191, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 191, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 191, 126); box-shadow:4px 4px 4px 4px rgb(182, 191, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7130, 0.3553, 0.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 126) }
```

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

```
.background{ background-color: rgb(182,  
191, 126) }
```

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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