

Converting Colors

Yxy(50.2024, 0.3586, 0.4197)

Have a look what the booklet for
Yxy(50.2024, 0.3586, 0.4197)
contains.

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Color

Yxy(50.3531, 0.3584, 0.4203)

Conversions

Conversions Part 1

Format	Color
Hex	B9C27C
RGB	185, 194, 124
RGB Percent	73%, 76%, 49%
CMY	0.2745, 0.2392, 0.5139
CMYK	0.05, 0.00, 0.36, 0.24
HSL	68°, 36%, 62%
HSV	68°, 36%, 76%
XYZ	42.9373, 50.3531, 26.5124
YIQ	183.3290, 17.1060, -23.6780

Conversions

Conversions Part 2

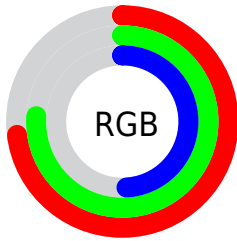
Format	Color
RYB	124, 194, 133
Decimal	12173948
CIELab	76.29, -14.13, 34.22
CIELCh	76, 37.026, 112.437
Yxy	50.3531, 0.3584, 0.4203
Android (android.graphics.Color)	4290364028 (0xFFB9C27C)
YUV	183.3290, -29.2492, 1.4655
Hunter-Lab	70.9599, -16.1709, 27.5198

Details

The Yxy color **50.3531, 0.3584, 0.4203** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.2848, 0.2558, 0.2238**, and the grayscale version is **47.7009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4228, 0.3514, 0.4036**, and **24.0759, 0.3691, 0.4448** is the 20% darker color. If you saturate the color by 10%, you get **49.6048, 0.3699, 0.4449**, and if you desaturate by 10%, it is **51.2079, 0.3460, 0.3947**.

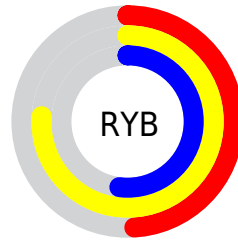
Distribution



Red (73%)

Green (76%)

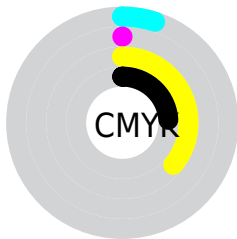
Blue (49%)



Red (49%)

Yellow (76%)

Blue (52%)

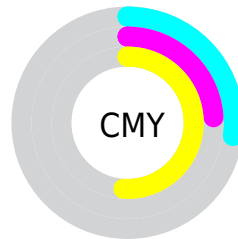


Cyan (5%)

Magenta (0%)

Yellow (36%)

Black (24%)



Cyan (27%)


Magenta (24%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3531, 0.3584, 0.4203 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 50.3531, 0.3584, 0.4203 by changing the saturation by 10% instead.


 50.3531, 0.3584,
0.4203


 50.3531, 0.3584,
0.4203


388.0452, 0.3370,
0.3745

 35.6940, 0.3631,
0.4316


 90.6978, 0.3511,
0.4037

 24.1980, 0.3687,
0.4459


 117.1523, 0.3482,
0.3974

 15.4806, 0.3754,
0.4646


 148.3073, 0.3457,
0.3921

 9.1573, 0.3832,
0.4896

184.5474, 0.3435,
0.3876

 4.8440, 0.3914,
0.5246

226.2568, 0.3416,
0.3837

 2.1560, 0.4080,
0.5920

273.8199, 0.3399,

 0.6958, 0.3126,

0.3802

0.6874

327.6213, 0.3384,
0.3772

0.0000, 0.0000,
0.0000

50.3531, 0.3584,
0.4203

50.3531, 0.3584,
0.4203

49.6048, 0.3699,
0.4449

51.2079, 0.3460,
0.3947

48.9505, 0.3798,
0.4675

52.1676, 0.3332,
0.3689

48.3862, 0.3878,
0.4871


53.2395, 0.3204,
0.3438

47.9047, 0.3934,
0.5028


54.4281, 0.3079,
0.3198

47.4978, 0.3964,
0.5141

55.7376, 0.2960,
0.2974


 47.1550, 0.3969,
0.5210

 57.1722, 0.2849,
0.2766

 47.0305, 0.3968,
0.5231

 58.4249, 0.2774,
0.2621

 58.7762, 0.2791,
0.2625

 59.1332, 0.2808,
0.2628

Harmonies

Analogous

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



50.3531, 0.3973, 0.4030



50.3531, 0.3584, 0.4203



50.3531, 0.3091, 0.4093

Triad

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



50.3531, 0.3584, 0.4203



50.3531, 0.2211, 0.2772



50.3531, 0.3610, 0.2915

Complementary

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



50.3531, 0.3584, 0.4203



23.2848, 0.2558, 0.2238

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.



50.3531, 0.3099, 0.2633



50.3531, 0.3584, 0.4203



50.3531, 0.2322, 0.2535

Square

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



50.3531, 0.3584, 0.4203



50.3531, 0.2318, 0.3194



50.3531, 0.2633, 0.2495



50.3531, 0.4003, 0.3288

Rectangle

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



50.3531, 0.3584, 0.4203



50.3531, 0.2772, 0.3854



50.3531, 0.2633, 0.2495



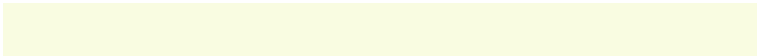
50.3531, 0.3444, 0.2808

Sweetspot

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



50.3554, 0.3584, 0.4203



95.4410, 0.3269, 0.3564



29.4636, 0.3946, 0.3404



20.8423, 0.3286, 0.3599



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.



50.3554, 0.3584, 0.4203



90.1797, 0.3672, 0.4391



46.6013, 0.3288, 0.4298



11.6906, 0.3245, 0.3519



30.9447, 0.3971, 0.5229



1.3557, 0.4024, 0.5187

Inverse Universe

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



23.2848, 0.2558, 0.2238



34.2246, 0.2412, 0.1981



26.5341, 0.2890, 0.2330



9.8086, 0.3003, 0.3053



2.7163, 0.1554, 0.0630



0.1381, 0.1712, 0.0717

Previews

White Background



This preview shows how the Yxy color 50.3531, 0.3584, 0.4203 looks on a white background.

Color Contrast Check

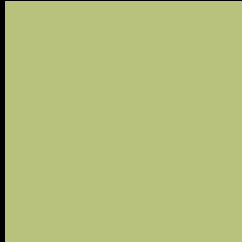
Large Text (above 18pt) WCAG AA × Fail

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 50.3531, 0.3584, 0.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

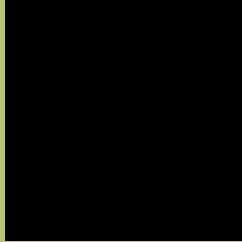
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3531, 0.3584, 0.4203

Background



This preview shows how black text looks on a background with the Yxy color 50.3531, 0.3584, 0.4203.



This preview shows how white text looks on a background with the Yxy color 50.3531, 0.3584, 0.4203.

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

50.3531, 0.3584, 0.4203

Protanopia

50.2089, 0.3795, 0.4107

Deuteranopia

50.1824, 0.3986, 0.3907



Tritanopia

50.2908, 0.3094, 0.3118

Trichromacy



Original Color

50.3531, 0.3584, 0.4203

Protanomaly

50.1273, 0.3715, 0.4136

Deuteranomaly

49.9059, 0.3832, 0.4010

Tritanomaly

50.0214, 0.3277, 0.3494

Monochromacy



Original Color

50.3531, 0.3584, 0.4203

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.3396, 0.3298, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3531, 0.3584, 0.4203 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(185, 194, 124)` looks like.

```
.text, #text, p{  
    color:rgb(185, 194, 124)  
}
```

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(185, 194, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 194, 124) }
```

Border

The CSS property to change the border of an element to Yxy 50.3531, 0.3584, 0.4203 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(185, 194, 124) }
```

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

```
.border{ border-color:rgb(185, 194, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 194, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 194, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 194, 124);  
box-shadow:4px 4px 4px 4px rgb(185, 194,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3531, 0.3584, 0.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 194, 124) }
```

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

```
.background{ background-color: rgb(185,  
194, 124) }
```

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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