

Converting Colors

Yxy(54.4284, 0.3620, 0.4260)

Have a look what the booklet for
Yxy(54.4284, 0.3620, 0.4260)
contains.

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Color

Yxy(54.4350, 0.3619, 0.4258)

Conversions

Conversions Part 1

Format	Color
Hex	C0C97C
RGB	192, 201, 124
RGB Percent	75%, 79%, 49%
CMY	0.2470, 0.2118, 0.5137
CMYK	0.04, 0.00, 0.38, 0.21
HSL	67°, 42%, 64%
HSV	67°, 38%, 79%
XYZ	46.2659, 54.4350, 27.1408
YIQ	189.5310, 19.3530, -25.8550

Conversions

Conversions Part 2

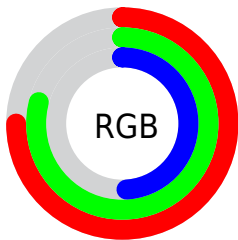
Format	Color
RYB	124, 201, 133
Decimal	12634492
CIELab	78.71, -14.93, 37.43
CIELCh	79, 40.302, 111.751
Yxy	54.4350, 0.3619, 0.4258
Android (android.graphics.Color)	4290824572 (0xFFC0C97C)
YUV	189.5310, -32.3068, 2.1653
Hunter-Lab	73.7801, -17.1816, 29.8356

Details

The Yxy color **54.4350, 0.3619, 0.4258** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.6222, 0.2506, 0.2159**, and the grayscale version is **51.3924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8741, 0.3544, 0.4058**, and **26.6668, 0.3726, 0.4526** is the 20% darker color. If you saturate the color by 10%, you get **53.6757, 0.3733, 0.4499**, and if you desaturate by 10%, it is **55.3078, 0.3494, 0.4004**.

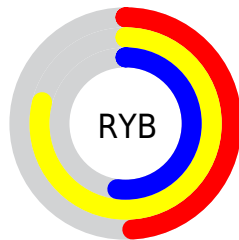
Distribution



Red (75%)

Green (79%)

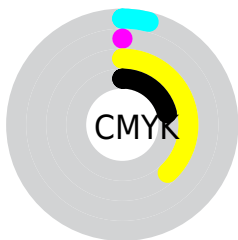
Blue (49%)



Red (49%)

Yellow (79%)

Blue (52%)

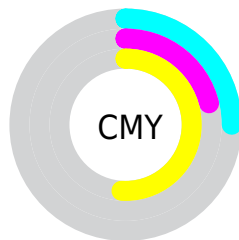


Cyan (4%)

Magenta (0%)

Yellow (38%)

Black (21%)



Cyan (25%)


Magenta (21%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4350, 0.3619, 0.4258 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 54.4350, 0.3619, 0.4258 by changing the saturation by 10% instead.


 54.4350, 0.3619,
0.4258


 54.4350, 0.3619,
0.4258

403.7666, 0.3393,
0.3779


 38.9495, 0.3667,
0.4374

 96.7126, 0.3543,
0.4086

 26.7205, 0.3725,
0.4519


 124.2736, 0.3512,
0.4021

 17.3634, 0.3792,
0.4705


 156.6286, 0.3486,
0.3966

 10.4939, 0.3867,
0.4950

194.1619, 0.3463,
0.3918

 5.7277, 0.3941,
0.5281

237.2580, 0.3442,
0.3876

 2.6802, 0.4094,
0.5906

286.3012, 0.3424,

 0.9671, 0.3635,

0.3840

0.6365

341.6759, 0.3408,
0.3808

0.0000, 0.0000,
0.0000

54.4350, 0.3619,
0.4258

54.4350, 0.3619,
0.4258

53.6757, 0.3733,
0.4499

55.3078, 0.3494,
0.4004

53.0161, 0.3831,
0.4718

56.2925, 0.3364,
0.3746

52.4516, 0.3908,
0.4903


57.3969, 0.3234,
0.3493

51.9742, 0.3960,
0.5047


58.6261, 0.3106,
0.3250

51.5746, 0.3986,
0.5147


59.9849, 0.2983,
0.3021


 51.2383, 0.3989,
0.5207

 61.4778, 0.2868,
0.2808

 51.1838, 0.3988,
0.5215

 62.4674, 0.2820,
0.2707

 62.8110, 0.2836,
0.2710

 63.1597, 0.2852,
0.2712

Harmonies

Analogous

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



54.4350, 0.4028, 0.4063



54.4350, 0.3619, 0.4258



54.4350, 0.3098, 0.4152

Triad

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



54.4350, 0.3619, 0.4258



54.4350, 0.2162, 0.2748



54.4350, 0.3627, 0.2885

Complementary

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



54.4350, 0.3619, 0.4258



23.6222, 0.2506, 0.2159

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.



54.4350, 0.3083, 0.2593



54.4350, 0.3619, 0.4258



54.4350, 0.2272, 0.2495

Square

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



54.4350, 0.3619, 0.4258



54.4350, 0.2277, 0.3197



54.4350, 0.2594, 0.2450



54.4350, 0.4050, 0.3275

Rectangle

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



54.4350, 0.3619, 0.4258



54.4350, 0.2760, 0.3902



54.4350, 0.2594, 0.2450



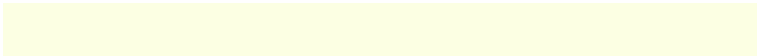
54.4350, 0.3450, 0.2774

Sweetspot

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



54.4375, 0.3619, 0.4258



97.7075, 0.3271, 0.3564



30.6468, 0.4020, 0.3411



20.8569, 0.3289, 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.



54.4375, 0.3619, 0.4258



92.1009, 0.3715, 0.4461



50.0528, 0.3296, 0.4369



12.3517, 0.3248, 0.3519



32.2080, 0.3991, 0.5213



1.5433, 0.4036, 0.5177

Inverse Universe

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



23.6222, 0.2506, 0.2159



31.9281, 0.2342, 0.1872



27.3485, 0.2871, 0.2266



10.3458, 0.3000, 0.3052



2.7905, 0.1546, 0.0626



0.1524, 0.1684, 0.0701

Previews

White Background



This preview shows how the Yxy color 54.4350, 0.3619, 0.4258 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 54.4350, 0.3619, 0.4258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

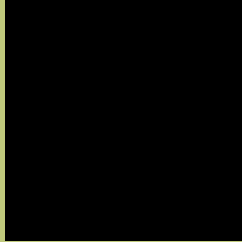
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4350, 0.3619, 0.4258

Background



This preview shows how black text looks on a background with the Yxy color 54.4350, 0.3619, 0.4258.



This preview shows how white text looks on a background with the Yxy color 54.4350, 0.3619, 0.4258.

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

54.4350, 0.3619, 0.4258

Protanopia

54.4324, 0.3834, 0.4159

Deuteranopia

54.1425, 0.4036, 0.3950



Tritanopia

54.2744, 0.3103, 0.3112

Trichromacy



Original Color

54.4350, 0.3619, 0.4258

Protanomaly

54.3417, 0.3756, 0.4189

Deuteranomaly

53.8280, 0.3885, 0.4052

Tritanomaly

54.1706, 0.3295, 0.3525

Monochromacy



Original Color

54.4350, 0.3619, 0.4258

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.4131, 0.3315, 0.3646

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4350, 0.3619, 0.4258 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(192, 201, 124)` looks like.

```
.text, #text, p{  
    color:rgb(192, 201, 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(192, 201, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 201, 124) }
```

Border

The CSS property to change the border of an element to Yxy 54.4350, 0.3619, 0.4258 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(192, 201, 124) }
```

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

```
.border{ border-color:rgb(192, 201, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 201, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 201, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 201, 124);  
box-shadow:4px 4px 4px 4px rgb(192, 201,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4350, 0.3619, 0.4258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 201, 124) }
```

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

```
.background{ background-color: rgb(192,  
201, 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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