

Converting Colors

Yxy(53.5032, 0.3637, 0.4425)

Have a look what the booklet for
Yxy(53.5032, 0.3637, 0.4425)
contains.

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Color

Yxy(53.2574, 0.3640, 0.4424)

Conversions

Conversions Part 1

Format	Color
Hex	B9C970
RGB	185, 201, 112
RGB Percent	73%, 79%, 44%
CMY	0.2745, 0.2117, 0.5607
CMYK	0.08, 0.00, 0.44, 0.21
HSL	71°, 45%, 61%
HSV	71°, 44%, 79%
XYZ	43.8194, 53.2574, 23.3061
YIQ	186.0700, 19.0330, -31.0710

Conversions

Conversions Part 2

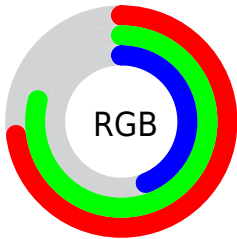
Format	Color
RYB	112, 201, 128
Decimal	12175728
CIELab	78.03, -19.03, 42.48
CIELCh	78, 46.545, 114.130
Yxy	53.2574, 0.3640, 0.4424
Android (android.graphics.Color)	4290365808 (0xFFB9C970)
YUV	186.0700, -36.5165, -0.9384
Hunter-Lab	72.9777, -20.5307, 32.1495

Details

The Yxy color **53.2574, 0.3640, 0.4424** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.4030, 0.2439, 0.1971**, and the grayscale version is **49.3468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1139, 0.3571, 0.4200**, and **25.9502, 0.3739, 0.4737** is the 20% darker color. If you saturate the color by 10%, you get **52.4167, 0.3734, 0.4664**, and if you desaturate by 10%, it is **54.2143, 0.3532, 0.4168**.

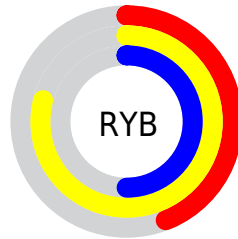
Distribution



Red (73%)

Green (79%)

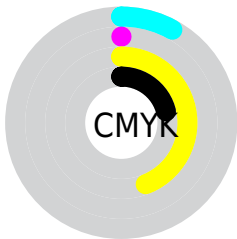
Blue (44%)



Red (44%)

Yellow (79%)

Blue (50%)

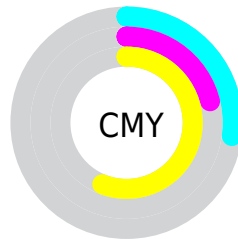


Cyan (8%)

Magenta (0%)

Yellow (44%)

Black (21%)



Cyan (27%)

Magenta (21%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2574, 0.3640, 0.4424 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 53.2574, 0.3640, 0.4424 by changing the saturation by 10% instead.


 53.2574, 0.3640,
0.4424

 53.2574, 0.3640,
0.4424


399.2719, 0.3410,
0.3859


 38.0083, 0.3687,
0.4560


 94.9830, 0.3564,
0.4221


 25.9891, 0.3739,
0.4731

 122.2283, 0.3533,
0.4144

 16.8155, 0.3796,
0.4949


 154.2411, 0.3506,
0.4079

 10.1030, 0.3851,
0.5232

 191.4059, 0.3483,
0.4023

 5.4673, 0.3918,
0.5659

234.1069, 0.3461,
0.3974

 2.5240, 0.3852,
0.6148

282.7287, 0.3443,

 0.8886, 0.2996,

0.3931

0.7004

337.6555, 0.3426,
0.3893

0.0000, 0.0000,
0.0000

53.2574, 0.3640,
0.4424

53.2574, 0.3640,
0.4424

52.4167, 0.3734,
0.4664

54.2143, 0.3532,
0.4168

51.6782, 0.3808,
0.4876

55.2863, 0.3416,
0.3905

51.0367, 0.3859,
0.5051

56.4816, 0.3297,
0.3645

50.4832, 0.3884,
0.5183

57.8055, 0.3177,
0.3393

50.0073, 0.3884,
0.5268

59.2630, 0.3061,
0.3156

 49.7580, 0.3877,
0.5304

 60.8587, 0.2951,
0.2935

 62.5972, 0.2847,
0.2731

 63.2804, 0.2858,
0.2713

 63.8303, 0.2883,
0.2717

Harmonies

Analogous

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



53.2574, 0.4134, 0.4199



53.2574, 0.3640, 0.4424



53.2574, 0.3036, 0.4282

Triad

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



53.2574, 0.3640, 0.4424



53.2574, 0.2024, 0.2624



53.2574, 0.3754, 0.2855

Complementary

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



53.2574, 0.3640, 0.4424



20.4030, 0.2439, 0.1971

Split Complementary

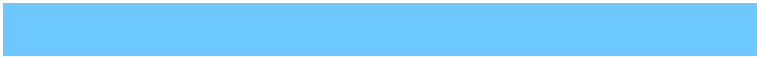
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.2574, 0.3121, 0.2514



53.2574, 0.3640, 0.4424



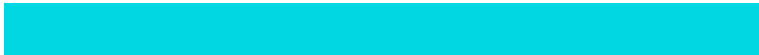
53.2574, 0.2168, 0.2364

Square

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



53.2574, 0.3640, 0.4424



53.2574, 0.2130, 0.3124



53.2574, 0.2549, 0.2337



53.2574, 0.4230, 0.3300

Rectangle

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



53.2574, 0.3640, 0.4424



53.2574, 0.2654, 0.3967



53.2574, 0.2549, 0.2337



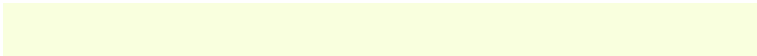
53.2574, 0.3549, 0.2727

Sweetspot

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



53.2598, 0.3640, 0.4424



96.9323, 0.3284, 0.3617



28.7300, 0.4199, 0.3488



20.6443, 0.3311, 0.3674



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.



53.2598, 0.3640, 0.4424



89.8092, 0.3729, 0.4652



48.6688, 0.3279, 0.4571



12.3168, 0.3238, 0.3520



31.3207, 0.3882, 0.5300



1.5089, 0.3950, 0.5245

Inverse Universe

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



20.4030, 0.2439, 0.1971



26.5609, 0.2258, 0.1653



24.5079, 0.2864, 0.2113



10.3777, 0.3010, 0.3053



2.9180, 0.1588, 0.0649



0.1670, 0.1778, 0.0753

Previews

White Background



This preview shows how the Yxy color 53.2574, 0.3640, 0.4424 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 53.2574, 0.3640, 0.4424 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 53.2574, 0.3640, 0.4424

Background



This preview shows how black text looks on a background with the Yxy color 53.2574, 0.3640, 0.4424.



This preview shows how white text looks on a background with the Yxy color 53.2574, 0.3640, 0.4424.

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

53.2574, 0.3640, 0.4424

Protanopia

53.2411, 0.3938, 0.4280

Deuteranopia

53.0344, 0.4134, 0.4043



Tritanopia

52.9705, 0.3063, 0.3109

Trichromacy



Original Color

53.2574, 0.3640, 0.4424

Protanomaly

53.1622, 0.3826, 0.4336

Deuteranomaly

52.6636, 0.3947, 0.4171

Tritanomaly

52.7303, 0.3285, 0.3581

Monochromacy



Original Color

53.2574, 0.3640, 0.4424

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.2039, 0.3332, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2574, 0.3640, 0.4424 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, 201, 112)` looks like.

```
.text, #text, p{  
    color:rgb(185, 201, 112)  
}
```

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, 201, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 201, 112) }
```

Border

The CSS property to change the border of an element to Yxy 53.2574, 0.3640, 0.4424 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, 201, 112) }
```

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

```
.border{ border-color:rgb(185, 201, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 201, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 201, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 201, 112);  
box-shadow:4px 4px 4px 4px rgb(185, 201,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2574, 0.3640, 0.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 201, 112) }
```

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

```
.background{ background-color: rgb(185,  
201, 112) }
```

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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