

Converting Colors

Yxy(52.5273, 0.3658, 0.4200)

Have a look what the booklet for
Yxy(52.5273, 0.3658, 0.4200)
contains.

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Color

Yxy(52.4044, 0.3656, 0.4199)

Conversions

Conversions Part 1

Format	Color
Hex	C2C47C
RGB	194, 196, 124
RGB Percent	76%, 77%, 49%
CMY	0.2392, 0.2314, 0.5138
CMYK	0.01, 0.00, 0.37, 0.23
HSL	62°, 38%, 63%
HSV	62°, 37%, 77%
XYZ	45.6276, 52.4044, 26.7700
YIQ	187.1940, 21.9200, -22.8160

Conversions

Conversions Part 2

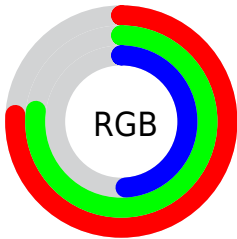
Format	Color
RYB	124, 196, 126
Decimal	12764284
CIELab	77.52, -11.61, 35.95
CIELCh	78, 37.780, 107.898
Yxy	52.4044, 0.3656, 0.4199
Android (android.graphics.Color)	4290954364 (0xFFC2C47C)
YUV	187.1940, -31.1546, 5.9689
Hunter-Lab	72.3909, -14.1763, 28.7483

Details

The Yxy color **52.4044, 0.3656, 0.4199** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.8274, 0.2481, 0.2198**, and the grayscale version is **49.9804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9341, 0.3569, 0.4046**, and **25.3294, 0.3774, 0.4435** is the 20% darker color. If you saturate the color by 10%, you get **51.8879, 0.3788, 0.4430**, and if you desaturate by 10%, it is **53.0245, 0.3514, 0.3953**.

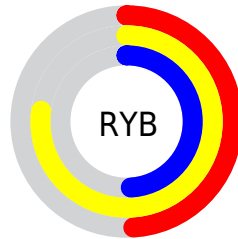
Distribution



Red (76%)

Green (77%)

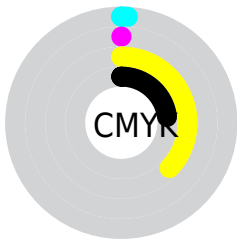
Blue (49%)



Red (49%)

Yellow (77%)

Blue (49%)

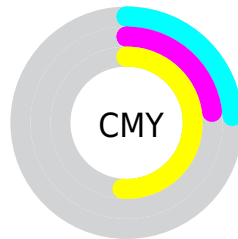


Cyan (1%)

Magenta (0%)

Yellow (37%)

Black (23%)



Cyan (24%)

Magenta (23%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4044, 0.3656, 0.4199 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 52.4044, 0.3656, 0.4199 by changing the saturation by 10% instead.


 52.4044, 0.3656,
0.4199

 52.4044, 0.3656,
0.4199


395.9958, 0.3409,
0.3749

 37.3275, 0.3711,
0.4308


 93.7274, 0.3571,
0.4038

 25.4612, 0.3777,
0.4444


 120.7422, 0.3537,
0.3976

 16.4210, 0.3856,
0.4620


 152.5052, 0.3509,
0.3924

 9.8225, 0.3949,
0.4850

189.4008, 0.3483,
0.3879

 5.2815, 0.4051,
0.5163

231.8132, 0.3461,
0.3840

 2.4133, 0.4250,
0.5750

280.1269, 0.3442,

 0.8327, 0.3789,

0.3806

0.6211

334.7263, 0.3424,
0.3776

0.0000, 0.0000,
0.0000

52.4044, 0.3656,
0.4199

52.4044, 0.3656,
0.4199

51.8879, 0.3788,
0.4430

53.0245, 0.3514,
0.3953

51.4619, 0.3905,
0.4636

53.7464, 0.3368,
0.3702

51.1223, 0.4001,
0.4809


54.5776, 0.3223,
0.3453


50.8619, 0.4073,
0.4941


55.5226, 0.3082,
0.3213

50.6721, 0.4119,
0.5030

56.5859, 0.2948,
0.2986


 50.5415, 0.4141,
0.5079

 57.7716, 0.2823,
0.2774

 50.5048, 0.4145,
0.5091

 58.6795, 0.2744,
0.2638

 58.7530, 0.2747,
0.2639

 58.8268, 0.2751,
0.2640

Harmonies

Analogous

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



52.4044, 0.4020, 0.3990



52.4044, 0.3656, 0.4199



52.4044, 0.3167, 0.4136

Triad

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



52.4044, 0.3656, 0.4199



52.4044, 0.2208, 0.2822



52.4044, 0.3539, 0.2862

Complementary

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



52.4044, 0.3656, 0.4199



22.8274, 0.2481, 0.2198

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.



52.4044, 0.3021, 0.2598



52.4044, 0.3656, 0.4199



52.4044, 0.2286, 0.2553

Square

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



52.4044, 0.3656, 0.4199



52.4044, 0.2347, 0.3268



52.4044, 0.2570, 0.2483



52.4044, 0.3964, 0.3228

Rectangle

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



52.4044, 0.3656, 0.4199



52.4044, 0.2839, 0.3923



52.4044, 0.2570, 0.2483



52.4044, 0.3368, 0.2760

Sweetspot

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



52.4068, 0.3656, 0.4199



98.1768, 0.3287, 0.3563



27.9024, 0.4003, 0.3309



20.9696, 0.3307, 0.3597



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.



52.4068, 0.3656, 0.4199



94.1748, 0.3762, 0.4384



48.2847, 0.3351, 0.4299



11.7437, 0.3261, 0.3518



32.4573, 0.4146, 0.5090



1.4069, 0.4157, 0.5081

Inverse Universe

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



22.8274, 0.2481, 0.2198



32.9063, 0.2314, 0.1919



25.9914, 0.2812, 0.2291



9.7609, 0.2987, 0.3052



2.5895, 0.1510, 0.0606



0.1165, 0.1547, 0.0626

Previews

White Background



This preview shows how the Yxy color 52.4044, 0.3656, 0.4199 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 52.4044, 0.3656, 0.4199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

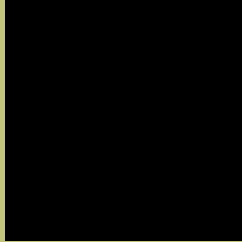
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4044, 0.3656, 0.4199

Background



This preview shows how black text looks on a background with the Yxy color 52.4044, 0.3656, 0.4199.



This preview shows how white text looks on a background with the Yxy color 52.4044, 0.3656, 0.4199.

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

52.4044, 0.3656, 0.4199

Protanopia

52.0766, 0.3817, 0.4128

Deuteranopia

52.2223, 0.4016, 0.3928



Tritanopia

52.4542, 0.3151, 0.3122

Trichromacy



Original Color

52.4044, 0.3656, 0.4199

Protanomaly

52.2665, 0.3756, 0.4152

Deuteranomaly

52.2245, 0.3882, 0.4025

Tritanomaly

52.1234, 0.3344, 0.3501

Monochromacy



Original Color

52.4044, 0.3656, 0.4199

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4544, 0.3329, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4044, 0.3656, 0.4199 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(194, 196, 124)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 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(194, 196, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 124) }
```

Border

The CSS property to change the border of an element to Yxy 52.4044, 0.3656, 0.4199 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(194, 196, 124) }
```

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

```
.border{ border-color:rgb(194, 196, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 196, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 124);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4044, 0.3656, 0.4199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 124) }
```

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

```
.background{ background-color: rgb(194,  
196, 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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