

Converting Colors

Yxy(52.5455, 0.3774, 0.4360)

Have a look what the booklet for
Yxy(52.5455, 0.3774, 0.4360)
contains.

Yxy(52.3414, 0.3773, 0.4357)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3414, 0.3773, 0.4357)

Conversions

Conversions Part 1

Format	Color
Hex	C4C46E
RGB	196, 196, 110
RGB Percent	77%, 77%, 43%
CMY	0.2312, 0.2314, 0.5686
CMYK	0.00, 0.00, 0.44, 0.23
HSL	60°, 42%, 60%
HSV	60°, 44%, 77%
XYZ	45.3257, 52.3414, 22.4646
YIQ	186.1960, 27.6060, -26.7460

Conversions

Conversions Part 2

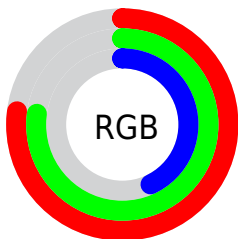
Format	Color
RYB	110, 196, 110
Decimal	12895342
CIELab	77.48, -12.31, 43.00
CIELCh	77, 44.729, 105.981
Yxy	52.3414, 0.3773, 0.4357
Android (android.graphics.Color)	4291085422 (0xFFC4C46E)
YUV	186.1960, -37.5646, 8.5981
Hunter-Lab	72.3474, -14.7774, 32.2330

Details

The Yxy color **52.3414, 0.3773, 0.4357** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.4617, 0.2311, 0.1942**, and the grayscale version is **49.4251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3360, 0.3675, 0.4168**, and **25.3245, 0.3923, 0.4633** is the 20% darker color. If you saturate the color by 10%, you get **51.9590, 0.3900, 0.4566**, and if you desaturate by 10%, it is **52.8230, 0.3632, 0.4125**.

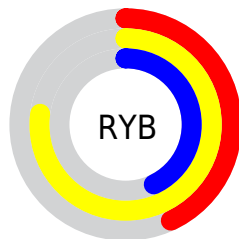
Distribution



Red (77%)

Green (77%)

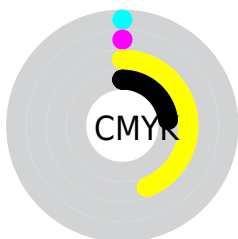
Blue (43%)



Red (43%)

Yellow (77%)

Blue (43%)

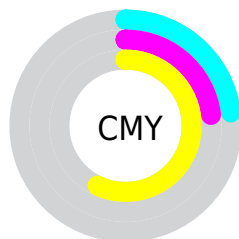


Cyan (0%)

Magenta (0%)

Yellow (44%)

Black (23%)



Cyan (23%)


Magenta (23%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3414, 0.3773, 0.4357 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 52.3414, 0.3773, 0.4357 by changing the saturation by 10% instead.


 52.3414, 0.3773,
0.4357

 52.3414, 0.3773,
0.4357


395.7532, 0.3475,
0.3833

 37.2773, 0.3837,
0.4481


 93.6345, 0.3672,
0.4171

 25.4222, 0.3911,
0.4634


 120.6323, 0.3632,
0.4099

 16.3919, 0.3996,
0.4827


 152.3768, 0.3597,
0.4038

 9.8019, 0.4089,
0.5072

 189.2524, 0.3567,
0.3986

 5.2678, 0.4228,
0.5454

231.6434, 0.3540,
0.3940

 2.4052, 0.4211,
0.5789

279.9343, 0.3516,

 0.8286, 0.3701,

0.3900

0.6299

334.5094, 0.3494,
0.3864

0.0000, 0.0000,
0.0000

52.3414, 0.3773,
0.4357

52.3414, 0.3773,
0.4357

51.9590, 0.3900,
0.4566

52.8230, 0.3632,
0.4125

51.6624, 0.4007,
0.4744

53.4024, 0.3484,
0.3879

51.4469, 0.4091,
0.4883


54.0873, 0.3333,
0.3630


51.3043, 0.4149,
0.4979

54.8824, 0.3184,
0.3384


51.2248, 0.4182,
0.5033

55.7926, 0.3040,
0.3147

 51.1959, 0.4194,
0.5052

 56.8220, 0.2905,
0.2923

 57.9748, 0.2779,
0.2715

 58.4696, 0.2732,
0.2637

 58.4736, 0.2732,
0.2637

Harmonies

Analogous

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



52.3414, 0.4194, 0.4075



52.3414, 0.3773, 0.4357



52.3414, 0.3201, 0.4323

Triad

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



52.3414, 0.3773, 0.4357



52.3414, 0.2060, 0.2757



52.3414, 0.3573, 0.2766

Complementary

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



52.3414, 0.3773, 0.4357



18.4617, 0.2311, 0.1942

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.



52.3414, 0.2959, 0.2472



52.3414, 0.3773, 0.4357



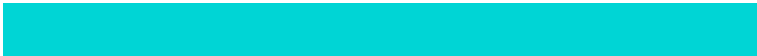
52.3414, 0.2135, 0.2438

Square

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



52.3414, 0.3773, 0.4357



52.3414, 0.2232, 0.3294



52.3414, 0.2446, 0.2351



52.3414, 0.4095, 0.3178

Rectangle

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



52.3414, 0.3773, 0.4357



52.3414, 0.2815, 0.4082



52.3414, 0.2446, 0.2351



52.3414, 0.3368, 0.2652

Sweetspot

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



52.3438, 0.3773, 0.4357



98.0365, 0.3322, 0.3613



24.0490, 0.4254, 0.3274



20.9200, 0.3356, 0.3669



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.



52.3438, 0.3773, 0.4357



94.0940, 0.3899, 0.4565



47.5351, 0.3409, 0.4504



11.7576, 0.3265, 0.3517



32.8834, 0.4194, 0.5052



1.4210, 0.4194, 0.5052

Inverse Universe

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



18.4617, 0.2311, 0.1942



24.6137, 0.2099, 0.1591



21.7737, 0.2703, 0.2071



9.7487, 0.2983, 0.3052



2.5624, 0.1500, 0.0600



0.1110, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 52.3414, 0.3773, 0.4357 looks on a white background.

Color Contrast Check

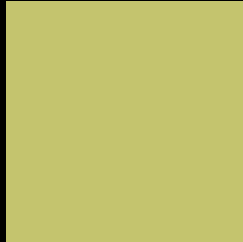
Large Text (above 18pt) WCAG AA × Fail

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 52.3414, 0.3773, 0.4357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

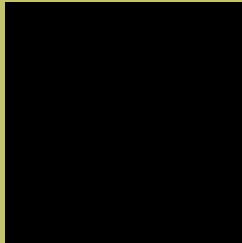
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3414, 0.3773, 0.4357

Background



This preview shows how black text looks on a background with the Yxy color 52.3414, 0.3773, 0.4357.



This preview shows how white text looks on a background with the Yxy color 52.3414, 0.3773, 0.4357.

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

52.3414, 0.3773, 0.4357

Protanopia

52.0460, 0.3938, 0.4278

Deuteranopia

52.2150, 0.4146, 0.4070



Tritanopia

52.4098, 0.3185, 0.3124

Trichromacy



Original Color

52.3414, 0.3773, 0.4357

Protanomaly

52.2232, 0.3875, 0.4305

Deuteranomaly

52.1964, 0.4007, 0.4173

Tritanomaly

52.1735, 0.3409, 0.3575

Monochromacy



Original Color

52.3414, 0.3773, 0.4357

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.2427, 0.3377, 0.3703

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3414, 0.3773, 0.4357 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(196, 196, 110)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 110)  
}
```

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(196, 196, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 110) }
```

Border

The CSS property to change the border of an element to Yxy 52.3414, 0.3773, 0.4357 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(196, 196, 110) }
```

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

```
.border{ border-color:rgb(196, 196, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 110);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3414, 0.3773, 0.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 110) }
```

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

```
.background{ background-color: rgb(196,  
196, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor