

Converting Colors

Yxy(52.8244, 0.3769, 0.4459)

Have a look what the booklet for
Yxy(52.8244, 0.3769, 0.4459)
contains.

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Color

Yxy(52.7251, 0.3776, 0.4456)

Conversions

Conversions Part 1

Format	Color
Hex	C1C668
RGB	193, 198, 104
RGB Percent	76%, 78%, 41%
CMY	0.2433, 0.2235, 0.5921
CMYK	0.03, 0.00, 0.47, 0.22
HSL	63°, 45%, 59%
HSV	63°, 47%, 78%
XYZ	44.6791, 52.7251, 20.9197
YIQ	185.7890, 27.1940, -30.2940

Conversions

Conversions Part 2

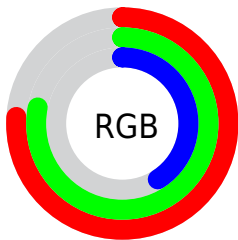
Format	Color
RYB	104, 198, 109
Decimal	12699240
CIELab	77.71, -15.16, 46.17
CIELCh	78, 48.594, 108.183
Yxy	52.7251, 0.3776, 0.4456
Android (android.graphics.Color)	4290889320 (0xFFC1C668)
YUV	185.7890, -40.3220, 6.3240
Hunter-Lab	72.6121, -17.2379, 33.7469

Details

The Yxy color **52.7251, 0.3776, 0.4456** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.2342, 0.2275, 0.1827**, and the grayscale version is **49.1960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4636, 0.3678, 0.4257**, and **25.6068, 0.3914, 0.4751** is the 20% darker color. If you saturate the color by 10%, you get **52.2320, 0.3887, 0.4665**, and if you desaturate by 10%, it is **53.3185, 0.3649, 0.4223**.

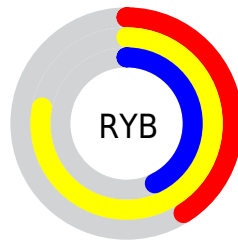
Distribution



Red (76%)

Green (78%)

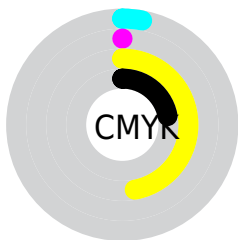
Blue (41%)



Red (41%)

Yellow (78%)

Blue (43%)

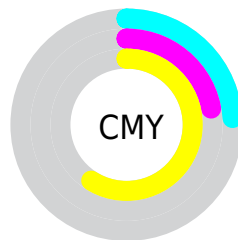


Cyan (3%)

Magenta (0%)

Yellow (47%)

Black (22%)



Cyan (24%)


Magenta (22%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7251, 0.3776, 0.4456 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 52.7251, 0.3776, 0.4456 by changing the saturation by 10% instead.


 52.7251, 0.3776,
0.4456


 52.7251, 0.3776,
0.4456


397.2295, 0.3482,
0.3883


 37.5834, 0.3836,
0.4591


 94.1997, 0.3678,
0.4253


 25.6595, 0.3905,
0.4758


 121.3014, 0.3639,
0.4175

 16.5691, 0.3981,
0.4966


 153.1585, 0.3604,
0.4108

 9.9277, 0.4055,
0.5227

 190.1555, 0.3574,
0.4050

 5.3511, 0.4199,
0.5682

232.6767, 0.3547,
0.4000

 2.4547, 0.4058,
0.5942

281.1065, 0.3523,

 0.8538, 0.3408,

0.3956

0.6592

335.8293, 0.3502,
0.3917

0.0000, 0.0000,
0.0000

52.7251, 0.3776,
0.4456

52.7251, 0.3776,
0.4456

52.2320, 0.3887,
0.4665

53.3185, 0.3649,
0.4223

51.8253, 0.3977,
0.4840

54.0110, 0.3513,
0.3975

51.4997, 0.4042,
0.4975


54.8106, 0.3371,
0.3722


51.2465, 0.4081,
0.5066

55.7225, 0.3230,
0.3472


51.0529, 0.4097,
0.5117

56.7514, 0.3093,
0.3230

 51.0080, 0.4099,
0.5127

 57.9019, 0.2962,
0.3002

 59.1784, 0.2840,
0.2789

 60.0978, 0.2770,
0.2665

 60.2461, 0.2777,
0.2667

Harmonies

Analogous

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



52.7251, 0.4251, 0.4158



52.7251, 0.3776, 0.4456



52.7251, 0.3154, 0.4399

Triad

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



52.7251, 0.3776, 0.4456



52.7251, 0.1979, 0.2676



52.7251, 0.3657, 0.2755

Complementary

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



52.7251, 0.3776, 0.4456



17.2342, 0.2275, 0.1827

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.



52.7251, 0.2989, 0.2431



52.7251, 0.3776, 0.4456



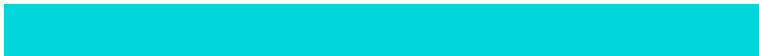
52.7251, 0.2078, 0.2357

Square

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



52.7251, 0.3776, 0.4456



52.7251, 0.2140, 0.3241



52.7251, 0.2426, 0.2285



52.7251, 0.4208, 0.3200

Rectangle

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



52.7251, 0.3776, 0.4456



52.7251, 0.2743, 0.4116



52.7251, 0.2426, 0.2285



52.7251, 0.3434, 0.2630

Sweetspot

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



52.7275, 0.3776, 0.4456



97.5486, 0.3325, 0.3639



23.8820, 0.4388, 0.3355



20.8064, 0.3356, 0.3695



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.



52.7275, 0.3776, 0.4456



92.4481, 0.3891, 0.4672



47.5337, 0.3373, 0.4633



12.3869, 0.3257, 0.3519



33.1786, 0.4101, 0.5126



1.5801, 0.4121, 0.5110

Inverse Universe

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



17.2342, 0.2275, 0.1827



22.1099, 0.2061, 0.1471



21.0187, 0.2722, 0.1987



10.3142, 0.2991, 0.3052



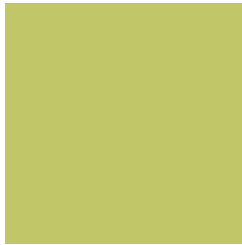
2.7081, 0.1519, 0.0610



0.1379, 0.1586, 0.0648

Previews

White Background



This preview shows how the Yxy color 52.7251, 0.3776, 0.4456 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 52.7251, 0.3776, 0.4456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

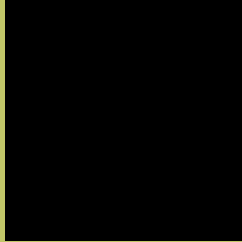
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7251, 0.3776, 0.4456

Background



This preview shows how black text looks on a background with the Yxy color 52.7251, 0.3776, 0.4456.



This preview shows how white text looks on a background with the Yxy color 52.7251, 0.3776, 0.4456.

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

52.7251, 0.3776, 0.4456

Protanopia

52.5075, 0.3983, 0.4347

Deuteranopia

52.4421, 0.4202, 0.4113



Tritanopia

52.6423, 0.3152, 0.3111

Trichromacy



Original Color

52.7251, 0.3776, 0.4456

Protanomaly

52.4002, 0.3902, 0.4384

Deuteranomaly

52.0880, 0.4044, 0.4225

Tritanomaly

52.2941, 0.3398, 0.3602

Monochromacy



Original Color

52.7251, 0.3776, 0.4456

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0460, 0.3384, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7251, 0.3776, 0.4456 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(193, 198, 104)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 104)  
}
```

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(193, 198, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 104) }
```

Border

The CSS property to change the border of an element to Yxy 52.7251, 0.3776, 0.4456 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(193, 198, 104) }
```

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

```
.border{ border-color:rgb(193, 198, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 104);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7251, 0.3776, 0.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 104) }
```

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

```
.background{ background-color: rgb(193,  
198, 104) }
```

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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