

Converting Colors

Yxy(53.4083, 0.4028, 0.4813)

Have a look what the booklet for
Yxy(53.4083, 0.4028, 0.4813)
contains.

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Color

Yxy(53.2228, 0.4035, 0.4811)

Conversions

Conversions Part 1

Format	Color
Hex	C6C740
RGB	198, 199, 64
RGB Percent	78%, 78%, 25%
CMY	0.2235, 0.2196, 0.7491
CMYK	0.01, 0.00, 0.68, 0.22
HSL	60°, 55%, 52%
HSV	60°, 68%, 78%
XYZ	44.6381, 53.2228, 12.7664
YIQ	183.3110, 42.7390, -42.1970

Conversions

Conversions Part 2

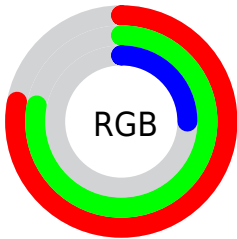
Format	Color
RYB	64, 199, 65
Decimal	13027136
CIELab	78.01, -16.55, 64.19
CIELCh	78, 66.290, 104.457
Yxy	53.2228, 0.4035, 0.4811
Android (android.graphics.Color)	4291217216 (0xFFC6C740)
YUV	183.3110, -58.8203, 12.8823
Hunter-Lab	72.9540, -18.4512, 40.6925

Details

The Yxy color **53.2228, 0.4035, 0.4811** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **8.9106, 0.1830, 0.1139**, and the grayscale version is **47.8458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1119, 0.3903, 0.4572**, and **25.9135, 0.4146, 0.5090** is the 20% darker color. If you saturate the color by 10%, you get **53.0178, 0.4107, 0.4934**, and if you desaturate by 10%, it is **53.5135, 0.3938, 0.4647**.

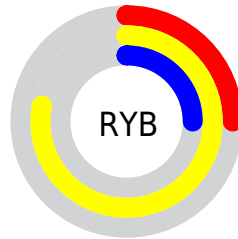
Distribution



Red (78%)

Green (78%)

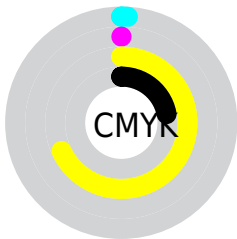
Blue (25%)



Red (25%)

Yellow (78%)

Blue (25%)

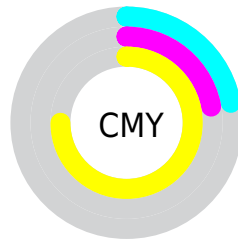


Cyan (1%)

Magenta (0%)

Yellow (68%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2228, 0.4035, 0.4811 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 53.2228, 0.4035, 0.4811 by changing the saturation by 10% instead.

53.2228, 0.4035,
0.4811

53.2228, 0.4035,
0.4811

399.1393, 0.3649,
0.4090

37.9807, 0.4101,
0.4965

94.9321, 0.3916,
0.4566

25.9677, 0.4168,
0.5145

122.1681, 0.3865,
0.4468

16.7995, 0.4224,
0.5350

154.1708, 0.3819,
0.4384

10.0916, 0.4301,
0.5646

191.3247, 0.3777,
0.4310

5.4597, 0.4195,
0.5805

234.0141, 0.3740,
0.4245

2.5195, 0.3989,
0.6011

282.6234, 0.3707,

0.8863, 0.3310,

0.4187

0.6690

337.5370, 0.3677,
0.4136

0.0000, 0.0000,
0.0000

53.2228, 0.4035,
0.4811

53.2228, 0.4035,
0.4811

53.0178, 0.4107,
0.4934

53.5135, 0.3938,
0.4647

52.8821, 0.4154,
0.5015

53.8904, 0.3819,
0.4448

52.8048, 0.4177,
0.5056

54.3625, 0.3685,
0.4222

52.7912, 0.4180,
0.5063

54.9362, 0.3540,
0.3979

55.6171, 0.3391,
0.3730

■ 56.4104, 0.3241,
0.3481

■ 57.3209, 0.3097,
0.3239

■ 58.3533, 0.2959,
0.3009

■ 59.5120, 0.2830,
0.2795

Harmonies

Analogous

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



53.2228, 0.4653, 0.4304



53.2228, 0.4035, 0.4811



53.2228, 0.3224, 0.4887

Triad

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



53.2228, 0.4035, 0.4811



53.2228, 0.1648, 0.2517



53.2228, 0.3722, 0.2524

Complementary

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



53.2228, 0.4035, 0.4811



8.9106, 0.1830, 0.1139

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.



53.2228, 0.2822, 0.2144



53.2228, 0.4035, 0.4811



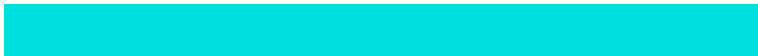
53.2228, 0.1738, 0.2092

Square

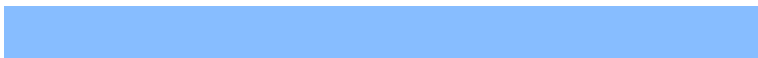
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.2228, 0.4035, 0.4811



53.2228, 0.1873, 0.3307



53.2228, 0.2129, 0.1986



53.2228, 0.4524, 0.3062

Rectangle

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



53.2228, 0.4035, 0.4811



53.2228, 0.2679, 0.4552



53.2228, 0.2129, 0.1986



53.2228, 0.3413, 0.2376

Sweetspot

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



53.2253, 0.4035, 0.4811



97.0682, 0.3427, 0.3791



16.1765, 0.5362, 0.3297



20.7025, 0.3470, 0.3862



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.



53.2253, 0.4035, 0.4811



92.7086, 0.4131, 0.4974



46.0832, 0.3459, 0.5179



12.4129, 0.3264, 0.3518



33.9461, 0.4181, 0.5063



1.6087, 0.4183, 0.5060

Inverse Universe

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



8.9106, 0.1830, 0.1139



10.0484, 0.1623, 0.0798



12.6521, 0.2409, 0.1413



10.2912, 0.2984, 0.3051



2.6593, 0.1503, 0.0602



0.1273, 0.1512, 0.0607

Previews

White Background



This preview shows how the Yxy color 53.2228, 0.4035, 0.4811 looks on a white background.

Color Contrast Check

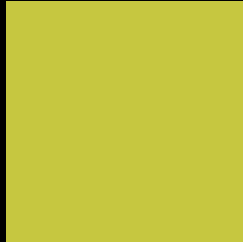
Large Text (above 18pt) WCAG AA × Fail

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 53.2228, 0.4035, 0.4811 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 53.2228, 0.4035, 0.4811

Background



This preview shows how black text looks on a background with the Yxy color 53.2228, 0.4035, 0.4811.



This preview shows how white text looks on a background with the Yxy color 53.2228, 0.4035, 0.4811.

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

53.2228, 0.4035, 0.4811

Protanopia

53.0867, 0.4248, 0.4673

Deuteranopia

53.0099, 0.4508, 0.4400



Tritanopia

53.0365, 0.3210, 0.3114

Trichromacy



Original Color

53.2228, 0.4035, 0.4811

Protanomaly

52.9444, 0.4166, 0.4722

Deuteranomaly

52.8201, 0.4331, 0.4549

Tritanomaly

52.6178, 0.3571, 0.3783

Monochromacy



Original Color

53.2228, 0.4035, 0.4811

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.9800, 0.3504, 0.3931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2228, 0.4035, 0.4811 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(198, 199, 64)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 64)  
}
```

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(198, 199, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 64) }
```

Border

The CSS property to change the border of an element to Yxy 53.2228, 0.4035, 0.4811 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(198, 199, 64) }
```

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

```
.border{ border-color:rgb(198, 199, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 64);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2228, 0.4035, 0.4811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 64) }
```

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

```
.background{ background-color: rgb(198,  
199, 64) }
```

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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