

Converting Colors

Yxy(54.9283, 0.3928, 0.4823)

Have a look what the booklet for
Yxy(54.9283, 0.3928, 0.4823)
contains.

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Color

Yxy(54.9781, 0.3926, 0.4826)

Conversions

Conversions Part 1

Format	Color
Hex	C1CC47
RGB	193, 204, 71
RGB Percent	76%, 80%, 28%
CMY	0.2431, 0.2000, 0.7215
CMYK	0.05, 0.00, 0.65, 0.20
HSL	65°, 57%, 54%
HSV	65°, 65%, 80%
XYZ	44.7252, 54.9781, 14.2173
YIQ	185.5490, 36.1370, -43.6950

Conversions

Conversions Part 2

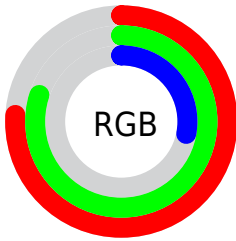
Format	Color
RYB	71, 204, 82
Decimal	12700743
CIELab	79.03, -20.70, 62.38
CIElCh	79, 65.724, 108.361
Yxy	54.9781, 0.3926, 0.4826
Android (android.graphics.Color)	4290890823 (0xFFC1CC47)
YUV	185.5490, -56.4727, 6.5345
Hunter-Lab	74.1472, -22.0873, 40.5345

Details

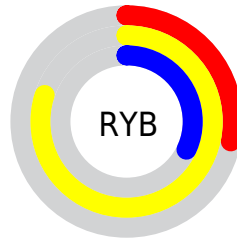
The Yxy color **54.9781, 0.3926, 0.4826** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **10.6618, 0.1943, 0.1245**, and the grayscale version is **49.1469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7218, 0.3848, 0.4527**, and **27.0469, 0.4033, 0.5180** is the 20% darker color. If you saturate the color by 10%, you get **54.5408, 0.3992, 0.4976**, and if you desaturate by 10%, it is **55.5108, 0.3836, 0.4637**.

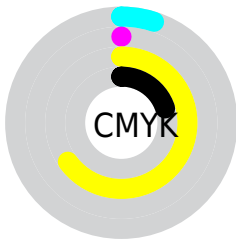
Distribution



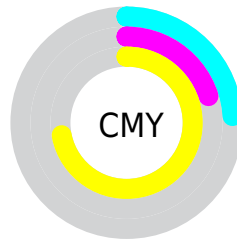
- Red (76%)
- Green (80%)
- Blue (28%)



- Red (28%)
- Yellow (80%)
- Blue (32%)



- Cyan (5%)
- Magenta (0%)
- Yellow (65%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9781, 0.3926, 0.4826 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 54.9781, 0.3926, 0.4826 by changing the saturation by 10% instead.

■ 54.9781, 0.3926,
0.4826

■ 54.9781, 0.3926,
0.4826

405.8289, 0.3592,
0.4090

■ 39.3842, 0.3982,
0.4988

■ 97.5089, 0.3824,
0.4572

■ 27.0587, 0.4037,
0.5180

■ 125.2145, 0.3780,
0.4473

■ 17.6173, 0.4081,
0.5405

■ 157.7262, 0.3740,
0.4386

■ 10.6756, 0.4118,
0.5698

■ 195.4283, 0.3704,
0.4311

■ 5.8492, 0.4039,
0.5961

■ 238.7052, 0.3672,
0.4246

■ 2.7536, 0.3791,
0.6209

287.9414, 0.3643,

■ 1.0045, 0.3068,

0.4187

0.6932

343.5211, 0.3616,
0.4136

0.0000, 0.0000,
0.0000

54.9781, 0.3926,
0.4826

54.9781, 0.3926,
0.4826

54.5408, 0.3992,
0.4976

55.5108, 0.3836,
0.4637

54.1823, 0.4032,
0.5083

56.1394, 0.3726,
0.4416

53.8937, 0.4047,
0.5146

56.8734, 0.3602,
0.4174

53.7695, 0.4048,
0.5168

57.7192, 0.3469,
0.3921

58.6828, 0.3332,
0.3666

■ 59.7694, 0.3196,
0.3416

■ 60.9844, 0.3064,
0.3177

■ 62.3324, 0.2939,
0.2952

■ 63.8181, 0.2822,
0.2744

Harmonies

Analogous

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



54.9781, 0.4568, 0.4368



54.9781, 0.3926, 0.4826



54.9781, 0.3119, 0.4813

Triad

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



54.9781, 0.3926, 0.4826



54.9781, 0.1666, 0.2458



54.9781, 0.3827, 0.2599

Complementary

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



54.9781, 0.3926, 0.4826



10.6618, 0.1943, 0.1245

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.



54.9781, 0.2936, 0.2199



54.9781, 0.3926, 0.4826



54.9781, 0.1793, 0.2082

Square

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



54.9781, 0.3926, 0.4826



54.9781, 0.1847, 0.3190



54.9781, 0.2218, 0.2013



54.9781, 0.4573, 0.3144

Rectangle

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



54.9781, 0.3926, 0.4826



54.9781, 0.2592, 0.4427



54.9781, 0.2218, 0.2013



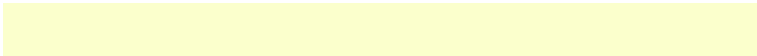
54.9781, 0.3527, 0.2445

Sweetspot

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



54.9806, 0.3926, 0.4826



96.3491, 0.3402, 0.3795



19.0123, 0.5159, 0.3394



20.5273, 0.3441, 0.3868



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.



54.9806, 0.3926, 0.4826



90.0816, 0.4010, 0.5022



48.2806, 0.3389, 0.5157



13.0477, 0.3253, 0.3520



33.8623, 0.4050, 0.5166



1.7612, 0.4080, 0.5142

Inverse Universe

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



10.6618, 0.1943, 0.1245



11.4564, 0.1716, 0.0886



15.0131, 0.2538, 0.1520



10.8876, 0.2995, 0.3051



2.8350, 0.1530, 0.0616



0.1620, 0.1625, 0.0669

Previews

White Background



This preview shows how the Yxy color 54.9781, 0.3926, 0.4826 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 54.9781, 0.3926, 0.4826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

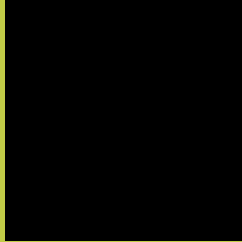
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9781, 0.3926, 0.4826

Background



This preview shows how black text looks on a background with the Yxy color 54.9781, 0.3926, 0.4826.



This preview shows how white text looks on a background with the Yxy color 54.9781, 0.3926, 0.4826.

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

54.9781, 0.3926, 0.4826

Protanopia

54.8150, 0.4209, 0.4640

Deuteranopia

54.7083, 0.4462, 0.4369



Tritanopia

54.8396, 0.3135, 0.3114

Trichromacy



Original Color

54.9781, 0.3926, 0.4826

Protanomaly

54.8444, 0.4104, 0.4707

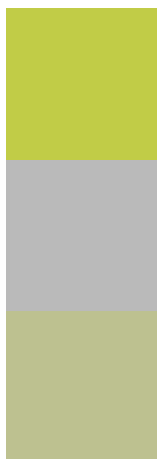
Deuteranomaly

54.6555, 0.4263, 0.4534

Tritanomaly

54.3317, 0.3466, 0.3773

Monochromacy



Original Color

54.9781, 0.3926, 0.4826

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.9724, 0.3471, 0.3924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9781, 0.3926, 0.4826 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, 204, 71)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 71)  
}
```

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, 204, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 71) }
```

Border

The CSS property to change the border of an element to Yxy 54.9781, 0.3926, 0.4826 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, 204, 71) }
```

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

```
.border{ border-color:rgb(193, 204, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 71);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9781, 0.3926, 0.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 71) }
```

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

```
.background{ background-color: rgb(193,  
204, 71) }
```

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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