

Converting Colors

Yxy(53.2120, 0.4130, 0.4983)

Have a look what the booklet for
Yxy(53.2120, 0.4130, 0.4983)
contains.

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Color

Yxy(53.4298, 0.4128, 0.4986)

Conversions

Conversions Part 1

Format	Color
Hex	C6C822
RGB	198, 200, 34
RGB Percent	78%, 78%, 13%
CMY	0.2235, 0.2157, 0.8667
CMYK	0.01, 0.00, 0.83, 0.22
HSL	61°, 71%, 46%
HSV	61°, 83%, 78%
XYZ	44.2355, 53.4298, 9.4943
YIQ	180.4780, 52.0940, -52.0500

Conversions

Conversions Part 2

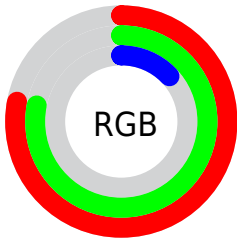
Format	Color
R _Y B	34, 200, 36
Decimal	13027362
CIE Lab	78.13, -18.25, 73.60
CIE LCh	78, 75.830, 103.923
Yxy	53.4298, 0.4128, 0.4986
Android (android.graphics.Color)	4291217442 (0xFFC6C822)
YUV	180.4780, -72.2137, 15.3668
Hunter-Lab	73.0957, -19.8942, 43.4658

Details

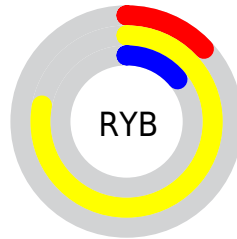
The Yxy color **53.4298, 0.4128, 0.4986** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **5.6890, 0.1616, 0.0784**, and the grayscale version is **46.2906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6431, 0.3998, 0.4729**, and **26.1332, 0.4123, 0.5108** is the 20% darker color. If you saturate the color by 10%, you get **53.3161, 0.4161, 0.5046**, and if you desaturate by 10%, it is **53.6156, 0.4070, 0.4884**.

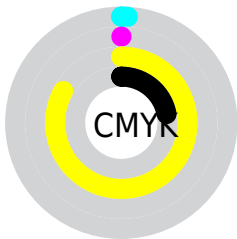
Distribution



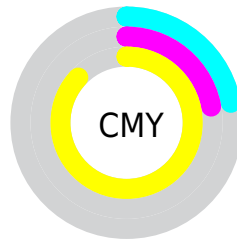
- Red (78%)
- Green (78%)
- Blue (13%)



- Red (13%)
- Yellow (78%)
- Blue (14%)



- Cyan (1%)
- Magenta (0%)
- Yellow (83%)
- Black (22%)





- Cyan (22%)
- Magenta (22%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4298, 0.4128, 0.4986 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 53.4298, 0.4128, 0.4986 by changing the saturation by 10% instead.


 53.4298, 0.4128,
0.4986

 53.4298, 0.4128,
0.4986


399.9319, 0.3725,
0.4202


 38.1460, 0.4187,
0.5143


 95.2365, 0.4011,
0.4727


 26.0960, 0.4238,
0.5320


 122.5282, 0.3958,
0.4621


 16.8955, 0.4271,
0.5515


 154.5913, 0.3909,
0.4528

 10.1600, 0.4268,
0.5732

 191.8102, 0.3865,
0.4447

 5.5052, 0.4126,
0.5874

 234.5694, 0.3825,
0.4375

 2.5466, 0.3898,
0.6102

 283.2531, 0.3788,

 0.8999, 0.3129,

0.4311

0.6871

338.2458, 0.3755,
0.4253

■ 0.0000, 0.0000,
0.0000

■ 53.4298, 0.4128,
0.4986

■ 53.4298, 0.4128,
0.4986

■ 53.3161, 0.4161,
0.5046

■ 53.6156, 0.4070,
0.4884

■ 53.2617, 0.4172,
0.5069

■ 53.8762, 0.3986,
0.4739

■ 54.2225, 0.3879,
0.4556

■ 54.6619, 0.3753,
0.4342

■ 55.2009, 0.3613,
0.4107

■ 55.8454, 0.3466,
0.3859

■ 56.6011, 0.3317,
0.3608

■ 57.4730, 0.3170,
0.3362

■ 58.4659, 0.3029,
0.3126

Harmonies

Analogous

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



53.4298, 0.4833, 0.4371



53.4298, 0.4128, 0.4986



53.4298, 0.3222, 0.5142

Triad

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



53.4298, 0.4128, 0.4986



53.4298, 0.1486, 0.2413



53.4298, 0.3779, 0.2422

Complementary

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



53.4298, 0.4128, 0.4986



5.6890, 0.1616, 0.0784

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.



53.4298, 0.2757, 0.2012



53.4298, 0.4128, 0.4986



53.4298, 0.1582, 0.1952

Square

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



53.4298, 0.4128, 0.4986



53.4298, 0.1726, 0.3311



53.4298, 0.1998, 0.1842



53.4298, 0.4708, 0.3004

Rectangle

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



53.4298, 0.4128, 0.4986



53.4298, 0.2615, 0.4776



53.4298, 0.1998, 0.1842



53.4298, 0.3425, 0.2262

Sweetspot

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



53.4323, 0.4128, 0.4986



96.4086, 0.3501, 0.3918



13.5390, 0.6013, 0.3299



20.5491, 0.3554, 0.4007



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.



53.4323, 0.4128, 0.4986



92.2075, 0.4172, 0.5069



45.2059, 0.3439, 0.5497



12.4103, 0.3263, 0.3518



33.8688, 0.4173, 0.5069



1.6058, 0.4177, 0.5065

Inverse Universe

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



5.6890, 0.1616, 0.0784



7.2396, 0.1503, 0.0601



9.0962, 0.2213, 0.1098



10.2934, 0.2984, 0.3051



2.6641, 0.1504, 0.0602



0.1283, 0.1520, 0.0611

Previews

White Background



This preview shows how the Yxy color 53.4298, 0.4128, 0.4986 looks on a white background.

Color Contrast Check

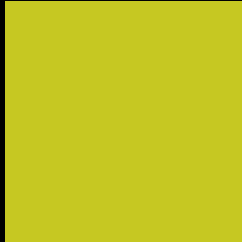
Large Text (above 18pt) WCAG AA × Fail

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 53.4298, 0.4128, 0.4986 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 53.4298, 0.4128, 0.4986

Background



This preview shows how black text looks on a background with the Yxy color 53.4298, 0.4128, 0.4986.



This preview shows how white text looks on a background with the Yxy color 53.4298, 0.4128, 0.4986.

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

53.4298, 0.4128, 0.4986

Protanopia

53.4396, 0.4349, 0.4825

Deuteranopia

53.1035, 0.4637, 0.4530



Tritanopia

53.1837, 0.3219, 0.3114

Trichromacy



Original Color

53.4298, 0.4128, 0.4986

Protanomaly

53.2913, 0.4269, 0.4882

Deuteranomaly

52.8793, 0.4459, 0.4692

Tritanomaly

52.2769, 0.3659, 0.3918

Monochromacy



Original Color

53.4298, 0.4128, 0.4986

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.6377, 0.3604, 0.4079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4298, 0.4128, 0.4986 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, 200, 34)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 34)  
}
```

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, 200, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 34) }
```

Border

The CSS property to change the border of an element to Yxy 53.4298, 0.4128, 0.4986 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, 200, 34) }
```

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

```
.border{ border-color:rgb(198, 200, 34) }
```

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

Here you see how a box with a 4 pixel rgb(198, 200, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 34);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4298, 0.4128, 0.4986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 34) }
```

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

```
.background{ background-color: rgb(198,  
200, 34) }
```

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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