

Converting Colors

Yxy(53.9928, 0.3937, 0.4888)

Have a look what the booklet for
Yxy(53.9928, 0.3937, 0.4888)
contains.

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Color

Yxy(54.0292, 0.3937, 0.4888)

Conversions

Conversions Part 1

Format	Color
Hex	BECB40
RGB	190, 203, 64
RGB Percent	75%, 80%, 25%
CMY	0.2549, 0.2039, 0.7489
CMYK	0.06, 0.00, 0.68, 0.20
HSL	66°, 57%, 52%
HSV	66°, 68%, 80%
XYZ	43.5174, 54.0292, 12.9878
YIQ	183.2670, 36.8710, -45.9850

Conversions

Conversions Part 2

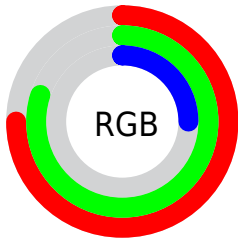
Format	Color
RYB	64, 203, 77
Decimal	12503872
CIELab	78.48, -21.87, 64.44
CIELCh	78, 68.052, 108.742
Yxy	54.0292, 0.3937, 0.4888
Android (android.graphics.Color)	4290693952 (0xFFBECB40)
YUV	183.2670, -58.7986, 5.9048
Hunter-Lab	73.5046, -22.9545, 40.9770

Details

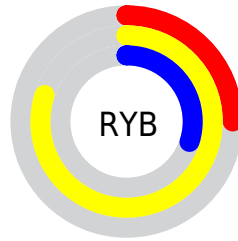
The Yxy color **54.0292, 0.3937, 0.4888** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **9.5597, 0.1894, 0.1155**, and the grayscale version is **47.8248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0158, 0.3856, 0.4586**, and **26.4814, 0.4009, 0.5199** is the 20% darker color. If you saturate the color by 10%, you get **53.5981, 0.3993, 0.5027**, and if you desaturate by 10%, it is **54.5526, 0.3857, 0.4708**.

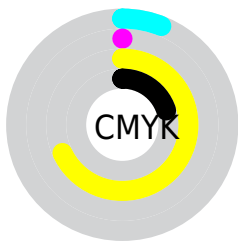
Distribution



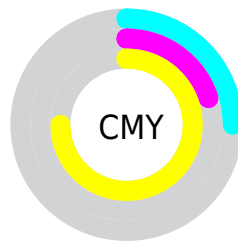
- Red (75%)
- Green (80%)
- Blue (25%)



- Red (25%)
- Yellow (80%)
- Blue (30%)



- Cyan (6%)
- Magenta (0%)
- Yellow (68%)
- Black (20%)





- Cyan (25%)
- Magenta (20%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0292, 0.3937, 0.4888 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 54.0292, 0.3937, 0.4888 by changing the saturation by 10% instead.


 54.0292, 0.3937,
0.4888


 54.0292, 0.3937,
0.4888


402.2214, 0.3603,
0.4122

 38.6250, 0.3990,
0.5055


 96.1171, 0.3837,
0.4625

 26.4681, 0.4040,
0.5253


 123.5696, 0.3793,
0.4521


 17.1742, 0.4075,
0.5482


 155.8070, 0.3753,
0.4431

 10.3588, 0.4117,
0.5808

 193.2137, 0.3717,
0.4353

 5.6375, 0.3979,
0.6021

 236.1741, 0.3684,
0.4284

 2.6259, 0.3709,
0.6291

285.0726, 0.3654,

 0.9397, 0.2761,

0.4224

0.7239

340.2935, 0.3627,
0.4170

■ 0.0000, 0.0000,
0.0000

■ 54.0292, 0.3937,
0.4888

■ 54.0292, 0.3937,
0.4888

■ 53.5981, 0.3993,
0.5027

■ 54.5526, 0.3857,
0.4708

■ 53.2421, 0.4022,
0.5121

■ 55.1689, 0.3755,
0.4495

■ 52.9487, 0.4029,
0.5176

■ 55.8880, 0.3637,
0.4257

■ 52.9058, 0.4029,
0.5183

■ 56.7163, 0.3508,
0.4006

■ 57.6598, 0.3374,
0.3749

■ 58.7241, 0.3239,
0.3497

■ 59.9142, 0.3107,
0.3253

■ 61.2350, 0.2981,
0.3024

■ 62.6912, 0.2863,
0.2811

Harmonies

Analogous

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



54.0292, 0.4609, 0.4404



54.0292, 0.3937, 0.4888



54.0292, 0.3100, 0.4879

Triad

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



54.0292, 0.3937, 0.4888



54.0292, 0.1617, 0.2415



54.0292, 0.3866, 0.2580

Complementary

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



54.0292, 0.3937, 0.4888



9.5597, 0.1894, 0.1155

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.



54.0292, 0.2937, 0.2167



54.0292, 0.3937, 0.4888



54.0292, 0.1752, 0.2036

Square

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



54.0292, 0.3937, 0.4888



54.0292, 0.1796, 0.3169



54.0292, 0.2192, 0.1972



54.0292, 0.4639, 0.3141

Rectangle

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



54.0292, 0.3937, 0.4888



54.0292, 0.2557, 0.4470



54.0292, 0.2192, 0.1972



54.0292, 0.3553, 0.2422

Sweetspot

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



54.0317, 0.3937, 0.4888



96.0805, 0.3412, 0.3822



18.1817, 0.5287, 0.3419



20.4696, 0.3449, 0.3893



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.



54.0317, 0.3937, 0.4888



89.4534, 0.4009, 0.5076



47.2167, 0.3371, 0.5253



13.0413, 0.3251, 0.3520



33.6888, 0.4031, 0.5181



1.7539, 0.4065, 0.5154

Inverse Universe

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



9.5597, 0.1894, 0.1155



10.3058, 0.1672, 0.0811



14.0093, 0.2526, 0.1456



10.8933, 0.2996, 0.3051



2.8499, 0.1534, 0.0619



0.1647, 0.1641, 0.0678

Previews

White Background



This preview shows how the Yxy color 54.0292, 0.3937, 0.4888 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 54.0292, 0.3937, 0.4888 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 54.0292, 0.3937, 0.4888

Background



This preview shows how black text looks on a background with the Yxy color 54.0292, 0.3937, 0.4888.



This preview shows how white text looks on a background with the Yxy color 54.0292, 0.3937, 0.4888.

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

54.0292, 0.3937, 0.4888

Protanopia

53.6831, 0.4249, 0.4676

Deuteranopia

53.6132, 0.4502, 0.4397



Tritanopia

53.9312, 0.3119, 0.3112

Trichromacy



Original Color

54.0292, 0.3937, 0.4888

Protanomaly

53.5568, 0.4133, 0.4751

Deuteranomaly

53.3669, 0.4297, 0.4577

Tritanomaly

53.3691, 0.3466, 0.3804

Monochromacy



Original Color

54.0292, 0.3937, 0.4888

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.1595, 0.3484, 0.3946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0292, 0.3937, 0.4888 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(190, 203, 64)` looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 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(190, 203, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 64) }
```

Border

The CSS property to change the border of an element to Yxy 54.0292, 0.3937, 0.4888 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(190, 203, 64) }
```

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

```
.border{ border-color:rgb(190, 203, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 203, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 64);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0292, 0.3937, 0.4888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 64) }
```

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

```
.background{ background-color: rgb(190,  
203, 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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