

Converting Colors

Yxy(53.3701, 0.4141, 0.4783)

Have a look what the booklet for
Yxy(53.3701, 0.4141, 0.4783)
contains.

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Color

Yxy(53.3701, 0.4141, 0.4783)

Conversions

Conversions Part 1

Format	Color
Hex	CEC53B
RGB	206, 197, 59
RGB Percent	81%, 77%, 23%
CMY	0.1922, 0.2274, 0.7685
CMYK	0.00, 0.04, 0.71, 0.19
HSL	56°, 60%, 52%
HSV	56°, 71%, 81%
XYZ	46.2065, 53.3701, 12.0063
YIQ	183.9590, 49.6620, -41.0100

Conversions

Conversions Part 2

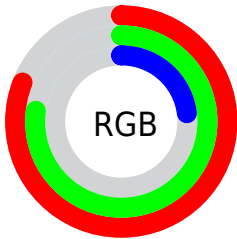
Format	Color
R_{YB}	69, 206, 59
Decimal	13550907
CIE _{Lab}	78.09, -12.42, 66.32
CIE _{LCh}	78, 67.477, 100.609
Yxy	53.3701, 0.4141, 0.4783
Android (android.graphics.Color)	4291740987 (0xFFCEC53B)
YUV	183.9590, -61.6048, 19.3300
Hunter-Lab	73.0548, -14.9465, 41.3943

Details

The Yxy color **53.3701, 0.4141, 0.4783** 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 **9.5199, 0.1788, 0.1134**, and the grayscale version is **48.2368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7484, 0.3931, 0.4588**, and **26.2424, 0.4240, 0.5015** is the 20% darker color. If you saturate the color by 10%, you get **52.6304, 0.4222, 0.4884**, and if you desaturate by 10%, it is **54.2039, 0.4035, 0.4639**.

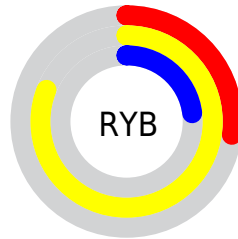
Distribution



Red (81%)

Green (77%)

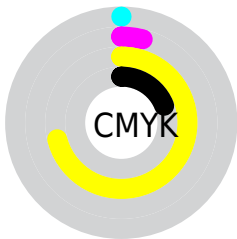
Blue (23%)



Red (27%)

Yellow (81%)

Blue (23%)

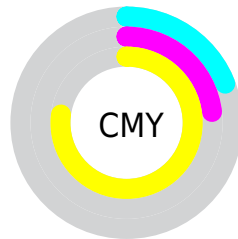


Cyan (0%)

Magenta (4%)

Yellow (71%)

Black (19%)



Cyan (19%)

Magenta (23%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3701, 0.4141, 0.4783 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 53.3701, 0.4141, 0.4783 by changing the saturation by 10% instead.

■ 53.3701, 0.4141,
0.4783

■ 53.3701, 0.4141,
0.4783

399.7034, 0.3707,
0.4089

■ 38.0983, 0.4217,
0.4926

■ 95.1487, 0.4006,
0.4551

■ 26.0590, 0.4295,
0.5089

■ 122.4244, 0.3948,
0.4457

■ 16.8678, 0.4363,
0.5270

■ 154.4701, 0.3896,
0.4376

■ 10.1403, 0.4464,
0.5536

■ 191.6702, 0.3850,
0.4304

■ 5.4921, 0.4369,
0.5631

■ 234.4093, 0.3809,
0.4241

■ 2.5388, 0.4217,
0.5783

283.0715, 0.3771,

■ 0.8960, 0.3796,

0.4184

0.6204

338.0415, 0.3737,
0.4134

0.0000, 0.0000,
0.0000

53.3701, 0.4141,
0.4783

53.3701, 0.4141,
0.4783

52.6304, 0.4222,
0.4884

54.2039, 0.4035,
0.4639

51.9667, 0.4276,
0.4942

55.1331, 0.3907,
0.4459

51.4392, 0.4305,
0.4964

56.1680, 0.3763,
0.4250

57.3155, 0.3610,
0.4024

58.5820, 0.3453,
0.3788

■ 59.9733, 0.3297,
0.3551

■ 61.4949, 0.3147,
0.3320

■ 63.1518, 0.3005,
0.3100

■ 64.9490, 0.2872,
0.2893

Harmonies

Analogous

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



53.3701, 0.4730, 0.4235



53.3701, 0.4141, 0.4783



53.3701, 0.3332, 0.4944

Triad

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



53.3701, 0.4141, 0.4783



53.3701, 0.1639, 0.2585



53.3701, 0.3610, 0.2453

Complementary

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



53.3701, 0.4141, 0.4783



9.5199, 0.1788, 0.1134

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.



53.3701, 0.2710, 0.2095



53.3701, 0.4141, 0.4783



53.3701, 0.1691, 0.2109

Square

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



53.3701, 0.4141, 0.4783



53.3701, 0.1908, 0.3431



53.3701, 0.2046, 0.1967



53.3701, 0.4463, 0.2981

Rectangle

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



53.3701, 0.4141, 0.4783



53.3701, 0.2772, 0.4666



53.3701, 0.2046, 0.1967



53.3701, 0.3297, 0.2311

Sweetspot

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



53.3726, 0.4141, 0.4783



94.9496, 0.3451, 0.3786



16.6773, 0.5390, 0.3201



20.1959, 0.3495, 0.3852



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.



53.3726, 0.4141, 0.4783



84.6572, 0.4256, 0.4923



50.2283, 0.3536, 0.5214



12.9748, 0.3267, 0.3505



31.7325, 0.4303, 0.4965



1.6734, 0.4280, 0.4984

Inverse Universe

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



9.5199, 0.1788, 0.1134



9.7939, 0.1588, 0.0783



11.7751, 0.2260, 0.1278



10.9521, 0.2982, 0.3065



2.9637, 0.1512, 0.0643



0.1923, 0.1552, 0.0787

Previews

White Background



This preview shows how the Yxy color 53.3701, 0.4141, 0.4783 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 53.3701, 0.4141, 0.4783 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 53.3701, 0.4141, 0.4783

Background



This preview shows how black text looks on a background with the Yxy color 53.3701, 0.4141, 0.4783.



This preview shows how white text looks on a background with the Yxy color 53.3701, 0.4141, 0.4783.

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

53.3701, 0.4141, 0.4783

Protanopia

53.0443, 0.4265, 0.4698

Deuteranopia

52.9379, 0.4538, 0.4438



Tritanopia

53.2636, 0.3304, 0.3128

Trichromacy



Original Color

53.3701, 0.4141, 0.4783

Protanomaly

52.8861, 0.4222, 0.4730

Deuteranomaly

52.8082, 0.4394, 0.4563

Tritanomaly

52.7979, 0.3681, 0.3796

Monochromacy



Original Color

53.3701, 0.4141, 0.4783

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.4657, 0.3548, 0.3936

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3701, 0.4141, 0.4783 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(206, 197, 59)` looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 59)  
}
```

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(206, 197, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 59) }
```

Border

The CSS property to change the border of an element to Yxy 53.3701, 0.4141, 0.4783 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(206, 197, 59) }
```

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

```
.border{ border-color:rgb(206, 197, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 197, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 197, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 197, 59);  
box-shadow:4px 4px 4px 4px rgb(206, 197,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3701, 0.4141, 0.4783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 197, 59) }
```

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

```
.background{ background-color: rgb(206,  
197, 59) }
```

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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