

Converting Colors

Yxy(53.9784, 0.4805, 0.4490)

Have a look what the booklet for
Yxy(53.9784, 0.4805, 0.4490)
contains.

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Color

Yxy(53.9864, 0.4805, 0.4490)

Conversions

Conversions Part 1

Format	Color
Hex	FFB41C
RGB	255, 180, 28
RGB Percent	100%, 71%, 11%
CMY	0.0000, 0.2941, 0.8900
CMYK	0.00, 0.29, 0.89, 0.00
HSL	40°, 100%, 56%
HSV	40°, 89%, 100%
XYZ	57.7739, 53.9864, 8.4767
YIQ	185.0970, 93.4920, -31.3720

Conversions

Conversions Part 2

Format	Color
R _Y B	140, 255, 28
Decimal	16757788
CIE Lab	78.45, 16.42, 77.45
CIE LCh	78, 79.173, 78.032
Yxy	53.9864, 0.4805, 0.4490
Android (android.graphics.Color)	4294947868 (0xFFFFB41C)
YUV	185.0970, -77.4488, 61.3049
Hunter-Lab	73.4754, 11.7728, 44.5926

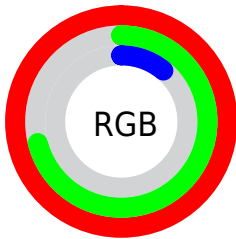
Details

The Yxy color **53.9864, 0.4805, 0.4490** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed orange. A complement of this color would be **17.1779, 0.1704, 0.1252**, and the grayscale version is **48.9767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0236, 0.4127, 0.4626**, and **26.5162, 0.4959, 0.4445** is the 20% darker color. If you saturate the color by 10%, you get **50.6093, 0.4930, 0.4462**, and if you desaturate by 10%, it is **57.6722, 0.4647, 0.4469**.

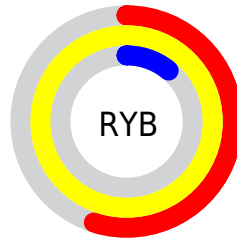
Distribution



Red (100%)

Green (71%)

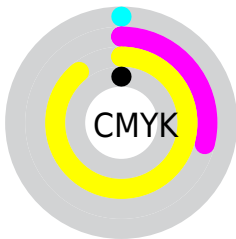
Blue (11%)



Red (55%)

Yellow (100%)

Blue (11%)

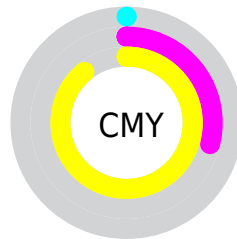


Cyan (0%)

Magenta (29%)

Yellow (89%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9864, 0.4805, 0.4490 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 53.9864, 0.4805, 0.4490 by changing the saturation by 10% instead.


 53.9864, 0.4805,
0.4490

 53.9864, 0.4805,
0.4490


402.0581, 0.4072,
0.4029


 38.5908, 0.4939,
0.4552

 96.0543, 0.4573,
0.4362


 26.4415, 0.5083,
0.4604


 123.4953, 0.4476,
0.4302

 17.1542, 0.5242,
0.4643


 155.7203, 0.4389,
0.4246

 10.3445, 0.5379,
0.4621

 193.1136, 0.4311,
0.4195

 5.6280, 0.5488,
0.4512

 236.0597, 0.4241,
0.4148

 2.6202, 0.5656,
0.4344

 284.9429, 0.4179,

 0.9368, 0.5947,

0.4105

0.4053

340.1476, 0.4123,
0.4065

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9864, 0.4805,
0.4490

■ 53.9864, 0.4805,
0.4490

■ 50.6093, 0.4930,
0.4462

■ 57.6722, 0.4647,
0.4469

■ 50.2848, 0.4942,
0.4458

■ 61.6923, 0.4461,
0.4397

■ 66.0687, 0.4257,
0.4283

■ 70.8192, 0.4044,
0.4136

■ 75.9600, 0.3833,
0.3969

■ 81.5058, 0.3631,
0.3793

■ 87.4701, 0.3442,
0.3614

■ 93.8657, 0.3269,
0.3440

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



53.9864, 0.5166, 0.3766



53.9864, 0.4805, 0.4490



53.9864, 0.4029, 0.5107

Triad

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



53.9864, 0.4805, 0.4490



53.9864, 0.1622, 0.3152



53.9864, 0.2874, 0.2017

Complementary

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



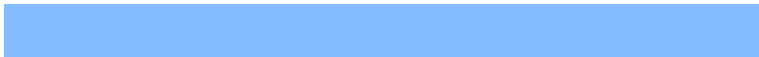
53.9864, 0.4805, 0.4490



17.1779, 0.1704, 0.1252

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.



53.9864, 0.2046, 0.1806



53.9864, 0.4805, 0.4490



53.9864, 0.1431, 0.2286

Square

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



53.9864, 0.4805, 0.4490



53.9864, 0.2198, 0.4355



53.9864, 0.1574, 0.1873



53.9864, 0.3952, 0.2466

Rectangle

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



53.9864, 0.4805, 0.4490



53.9864, 0.3404, 0.5252



53.9864, 0.1574, 0.1873



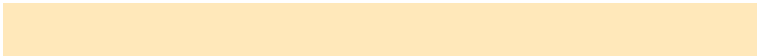
53.9864, 0.2560, 0.1918

Sweetspot

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



53.9875, 0.4805, 0.4490



82.6643, 0.3592, 0.3757



23.0864, 0.5359, 0.2803



17.2722, 0.3659, 0.3818



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.



53.9875, 0.4805, 0.4490



50.2848, 0.4942, 0.4458



86.3827, 0.3908, 0.5223



20.0197, 0.3277, 0.3449



26.5600, 0.4927, 0.4470



2.7864, 0.4822, 0.4554

Inverse Universe

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



17.1779, 0.1704, 0.1252



13.6023, 0.1622, 0.1039



9.2069, 0.1654, 0.0735



18.3582, 0.2979, 0.3126



7.3499, 0.1630, 0.1068



0.9061, 0.1692, 0.1291

Previews

White Background



This preview shows how the Yxy color 53.9864, 0.4805, 0.4490 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 53.9864, 0.4805, 0.4490 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 53.9864, 0.4805, 0.4490

Background



This preview shows how black text looks on a background with the Yxy color 53.9864, 0.4805, 0.4490.



This preview shows how white text looks on a background with the Yxy color 53.9864, 0.4805, 0.4490.

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

53.9864, 0.4805, 0.4490

Protanopia

54.1946, 0.4357, 0.4820

Deuteranopia

53.9398, 0.4703, 0.4586



Tritanopia

53.7632, 0.3796, 0.3176

Trichromacy



Original Color

53.9864, 0.4805, 0.4490

Protanomaly

54.0816, 0.4516, 0.4702

Deuteranomaly

54.0769, 0.4735, 0.4558

Tritanomaly

53.0385, 0.4296, 0.3789

Monochromacy



Original Color

53.9864, 0.4805, 0.4490

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.1271, 0.3825, 0.3964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9864, 0.4805, 0.4490 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(255, 180, 28)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 28)  
}
```

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(255, 180, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 28) }
```

Border

The CSS property to change the border of an element to Yxy 53.9864, 0.4805, 0.4490 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(255, 180, 28) }
```

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

```
.border{ border-color:rgb(255, 180, 28) }
```

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

Here you see how a box with a 4 pixel rgb(255, 180, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 28);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9864, 0.4805, 0.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 28) }
```

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

```
.background{ background-color: rgb(255,  
180, 28) }
```

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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