

Converting Colors

Yxy(54.0886, 0.4770, 0.4451)

Have a look what the booklet for
Yxy(54.0886, 0.4770, 0.4451)
contains.

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Color

Yxy(54.0626, 0.4770, 0.4450)

Conversions

Conversions Part 1

Format	Color
Hex	FFB429
RGB	255, 180, 41
RGB Percent	100%, 71%, 16%
CMY	0.0002, 0.2940, 0.8393
CMYK	0.00, 0.29, 0.84, 0.00
HSL	39°, 100%, 58%
HSV	39°, 84%, 100%
XYZ	57.9502, 54.0626, 9.4761
YIQ	186.5790, 89.3190, -27.3290

Conversions

Conversions Part 2

Format	Color
R _Y B	156, 255, 41
Decimal	16757801
CIE Lab	78.50, 16.66, 74.30
CIE LCh	78, 76.141, 77.363
Yxy	54.0626, 0.4770, 0.4450
Android (android.graphics.Color)	4294947881 (0xFFFFB429)
YUV	186.5790, -71.7704, 60.0052
Hunter-Lab	73.5273, 12.0114, 43.8278

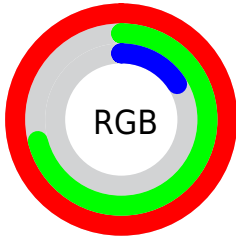
Details

The Yxy color **54.0626, 0.4770, 0.4450** 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 **20.1589, 0.1768, 0.1415**, and the grayscale version is **49.8185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1710, 0.4091, 0.4571**, and **26.5162, 0.4959, 0.4445** is the 20% darker color. If you saturate the color by 10%, you get **50.4510, 0.4920, 0.4441**, and if you desaturate by 10%, it is **58.0269, 0.4588, 0.4407**.

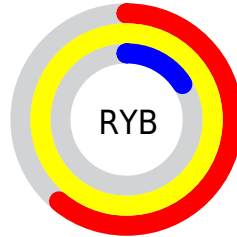
Distribution



Red (100%)

Green (71%)

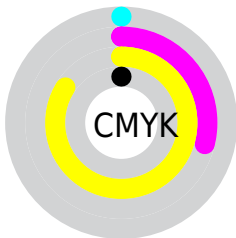
Blue (16%)



Red (61%)

Yellow (100%)

Blue (16%)

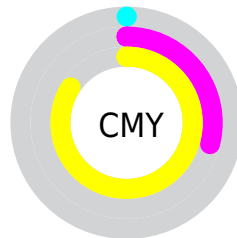


Cyan (0%)

Magenta (29%)

Yellow (84%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0626, 0.4770, 0.4450 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 54.0626, 0.4770, 0.4450 by changing the saturation by 10% instead.


 54.0626, 0.4770,
0.4450

 54.0626, 0.4770,
0.4450


402.3487, 0.4043,
0.3997

 38.6517, 0.4907,
0.4515


 96.1662, 0.4537,
0.4321

 26.4889, 0.5056,
0.4571


 123.6276, 0.4440,
0.4262

 17.1897, 0.5216,
0.4609


 155.8747, 0.4354,
0.4208

 10.3699, 0.5386,
0.4614

 193.2918, 0.4277,
0.4158

 5.6449, 0.5496,
0.4504

 236.2634, 0.4209,
0.4112

 2.6304, 0.5665,
0.4335

 285.1738, 0.4148,

 0.9420, 0.5960,

0.4070

340.4074, 0.4093,
0.4032

0.4040

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0626, 0.4770,
0.4450

54.0626, 0.4770,
0.4450

50.4510, 0.4920,
0.4441


58.0269, 0.4588,
0.4407

48.4071, 0.4997,
0.4414

62.3591, 0.4382,
0.4316


67.0819, 0.4165,
0.4187

72.2127, 0.3947,
0.4033

 77.7676, 0.3735,
0.3864

 83.7613, 0.3536,
0.3690

 90.2075, 0.3353,
0.3518

 97.1193, 0.3188,
0.3353

99.9923, 0.3127,
0.3290

Harmonies

Analogous

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



54.0626, 0.5097, 0.3750



54.0626, 0.4770, 0.4450



54.0626, 0.4030, 0.5037

Triad

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



54.0626, 0.4770, 0.4450



54.0626, 0.1680, 0.3187



54.0626, 0.2865, 0.2048

Complementary

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



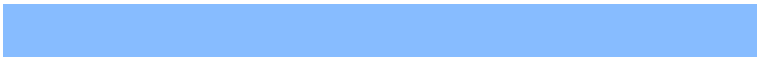
54.0626, 0.4770, 0.4450



20.1589, 0.1768, 0.1415

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.



54.0626, 0.2067, 0.1848



54.0626, 0.4770, 0.4450



54.0626, 0.1481, 0.2339

Square

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



54.0626, 0.4770, 0.4450



54.0626, 0.2251, 0.4334



54.0626, 0.1613, 0.1923



54.0626, 0.3899, 0.2482

Rectangle

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



54.0626, 0.4770, 0.4450



54.0626, 0.3427, 0.5174



54.0626, 0.1613, 0.1923



54.0626, 0.2562, 0.1953

Sweetspot

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



54.0653, 0.4770, 0.4450



83.1269, 0.3557, 0.3709



24.1792, 0.5074, 0.2704



17.3344, 0.3626, 0.3770



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.



54.0653, 0.4770, 0.4450



48.4243, 0.4997, 0.4414



87.8921, 0.3955, 0.5139



19.9572, 0.3278, 0.3444



25.5936, 0.4981, 0.4427



2.6971, 0.4867, 0.4517

Inverse Universe

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



20.1589, 0.1768, 0.1415



14.4144, 0.1636, 0.1089



10.0857, 0.1682, 0.0795



18.4181, 0.2979, 0.3131



7.7837, 0.1644, 0.1119



0.9536, 0.1707, 0.1343

Previews

White Background



This preview shows how the Yxy color 54.0626, 0.4770, 0.4450 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 54.0626, 0.4770, 0.4450 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 54.0626, 0.4770, 0.4450

Background



This preview shows how black text looks on a background with the Yxy color 54.0626, 0.4770, 0.4450.



This preview shows how white text looks on a background with the Yxy color 54.0626, 0.4770, 0.4450.

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

54.0626, 0.4770, 0.4450

Protanopia

54.2797, 0.4322, 0.4768

Deuteranopia

54.2503, 0.4652, 0.4559



Tritanopia

54.1424, 0.3793, 0.3187

Trichromacy



Original Color

54.0626, 0.4770, 0.4450

Protanomaly

54.1646, 0.4480, 0.4653

Deuteranomaly

54.1532, 0.4700, 0.4516

Tritanomaly

53.5586, 0.4247, 0.3750

Monochromacy



Original Color

54.0626, 0.4770, 0.4450

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9993, 0.3789, 0.3899

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0626, 0.4770, 0.4450 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 41) }
```

Border

The CSS property to change the border of an element to Yxy 54.0626, 0.4770, 0.4450 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, 41) }
```

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

```
.border{ border-color:rgb(255, 180, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 41);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0626, 0.4770, 0.4450 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, 41) }
```

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

```
.background{ background-color: rgb(255,  
180, 41) }
```

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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