

Converting Colors

$Y_{xy}(54.0996, 0.4621, 0.4284)$

Have a look what the booklet for
Yxy(54.0996, 0.4621, 0.4284)
contains.

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Color

Yxy(54.2078, 0.4619, 0.4285)

Conversions

Conversions Part 1

Format	Color
Hex	FEB44A
RGB	254, 180, 74
RGB Percent	100%, 71%, 29%
CMY	0.0039, 0.2941, 0.7097
CMYK	0.00, 0.29, 0.71, 0.00
HSL	35°, 99%, 64%
HSV	35°, 71%, 100%
XYZ	58.4331, 54.2078, 13.8651
YIQ	190.0420, 78.1300, -17.2780

Conversions

Conversions Part 2

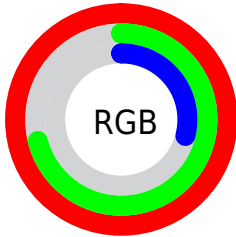
Format	Color
R _Y B	200, 254, 74
Decimal	16692298
CIE Lab	78.58, 17.47, 62.45
CIE LCh	79, 64.850, 74.375
Yxy	54.2078, 0.4619, 0.4285
Android (android.graphics.Color)	4294882378 (0xFFFE B44A)
YUV	190.0420, -57.2087, 56.0912
Hunter-Lab	73.6259, 12.8208, 40.3728

Details

The Yxy color **54.2078, 0.4619, 0.4285** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **29.8008, 0.1969, 0.1874**, and the grayscale version is **51.8232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8094, 0.3946, 0.4350**, and **26.5453, 0.4931, 0.4414** is the 20% darker color. If you saturate the color by 10%, you get **49.8750, 0.4839, 0.4332**, and if you desaturate by 10%, it is **59.0019, 0.4382, 0.4193**.

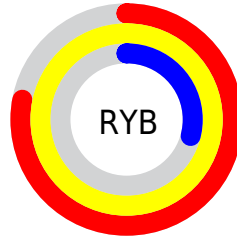
Distribution



Red (100%)

Green (71%)

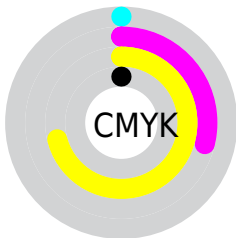
Blue (29%)



Red (78%)

Yellow (100%)

Blue (29%)

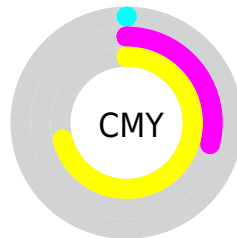


Cyan (0%)

Magenta (29%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2078, 0.4619, 0.4285 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 54.2078, 0.4619, 0.4285 by changing the saturation by 10% instead.


 54.2078, 0.4619,
0.4285


 54.2078, 0.4619,
0.4285


402.9019, 0.3932,
0.3876


 38.7678, 0.4761,
0.4353


 96.3793, 0.4390,
0.4161

 26.5792, 0.4924,
0.4421

 123.8796, 0.4297,
0.4107


 17.2574, 0.5109,
0.4478


 156.1688, 0.4216,
0.4058

 10.4182, 0.5342,
0.4534

 193.6312, 0.4145,
0.4014

 5.6771, 0.5524,
0.4476

 236.6514, 0.4083,
0.3975

 2.6497, 0.5699,
0.4301

285.6136, 0.4027,

 0.9517, 0.6004,

0.3939

340.9023, 0.3977,
0.3906

0.3996

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2078, 0.4619,
0.4285

54.2078, 0.4619,
0.4285

49.8750, 0.4839,
0.4332

59.0019, 0.4382,
0.4193


45.9707, 0.5028,
0.4325


64.2707, 0.4141,
0.4068


42.7472, 0.5172,
0.4275

70.0364, 0.3907,
0.3921

76.3170, 0.3687,
0.3765

 83.1291, 0.3485,
0.3606

 90.4885, 0.3303,
0.3450

 98.4099, 0.3140,
0.3302

99.8123, 0.3121,
0.3290

Harmonies

Analogous

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



54.2078, 0.4822, 0.3673



54.2078, 0.4619, 0.4285



54.2078, 0.4020, 0.4773

Triad

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



54.2078, 0.4619, 0.4285



54.2078, 0.1905, 0.3312



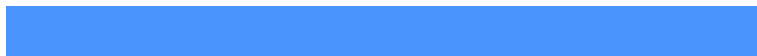
54.2078, 0.2829, 0.2169

Complementary

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



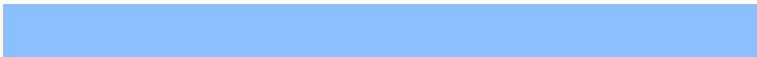
54.2078, 0.4619, 0.4285



29.8008, 0.1969, 0.1874

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.



54.2078, 0.2152, 0.2015



54.2078, 0.4619, 0.4285



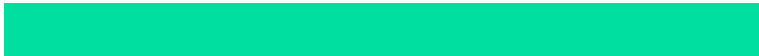
54.2078, 0.1682, 0.2541

Square

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



54.2078, 0.4619, 0.4285



54.2078, 0.2454, 0.4251



54.2078, 0.1768, 0.2122



54.2078, 0.3704, 0.2541

Rectangle

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



54.2078, 0.4619, 0.4285



54.2078, 0.3502, 0.4886



54.2078, 0.1768, 0.2122



54.2078, 0.2573, 0.2091

Sweetspot

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



54.2105, 0.4619, 0.4285



83.7658, 0.3487, 0.3608



28.1430, 0.4506, 0.2601



17.5119, 0.3541, 0.3652



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.



54.2105, 0.4619, 0.4285



48.6301, 0.4922, 0.4335



89.7354, 0.3971, 0.4930



19.7650, 0.3279, 0.3430



22.8331, 0.5152, 0.4291



2.4385, 0.5012, 0.4402

Inverse Universe

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



29.8008, 0.1969, 0.1874



22.9116, 0.1802, 0.1558



14.1814, 0.1827, 0.1059



18.6044, 0.2979, 0.3146



9.3122, 0.1692, 0.1292



1.1155, 0.1754, 0.1514

Previews

White Background



This preview shows how the Yxy color 54.2078, 0.4619, 0.4285 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 54.2078, 0.4619, 0.4285 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 54.2078, 0.4619, 0.4285

Background



This preview shows how black text looks on a background with the Yxy color 54.2078, 0.4619, 0.4285.



This preview shows how white text looks on a background with the Yxy color 54.2078, 0.4619, 0.4285.

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

54.2078, 0.4619, 0.4285

Protanopia

54.3320, 0.4163, 0.4569

Deuteranopia

54.2205, 0.4497, 0.4395



Tritanopia

54.1839, 0.3784, 0.3176

Trichromacy



Original Color

54.2078, 0.4619, 0.4285

Protanomaly

54.1857, 0.4319, 0.4467

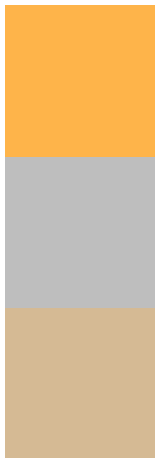
Deuteranomaly

54.1222, 0.4542, 0.4351

Tritanomaly

53.9031, 0.4141, 0.3628

Monochromacy



Original Color

54.2078, 0.4619, 0.4285

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4021, 0.3674, 0.3751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2078, 0.4619, 0.4285 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(254, 180, 74)` looks like.

```
.text, #text, p{  
    color:rgb(254, 180, 74)  
}
```

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(254, 180, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 180, 74) }
```

Border

The CSS property to change the border of an element to Yxy 54.2078, 0.4619, 0.4285 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(254, 180, 74) }
```

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

```
.border{ border-color:rgb(254, 180, 74) }
```

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

Here you see how a box with a 4 pixel rgb(254, 180, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 180, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 180, 74);  
box-shadow:4px 4px 4px 4px rgb(254, 180,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2078, 0.4619, 0.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 180, 74) }
```

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

```
.background{ background-color: rgb(254,  
180, 74) }
```

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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