

Converting Colors

Yxy(53.9569, 0.4611, 0.4436)

Have a look what the booklet for
Yxy(53.9569, 0.4611, 0.4436)
contains.

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Color

Yxy(53.9569, 0.4611, 0.4436)

Conversions

Conversions Part 1

Format	Color
Hex	F7B73B
RGB	247, 183, 59
RGB Percent	97%, 72%, 23%
CMY	0.0313, 0.2824, 0.7687
CMYK	0.00, 0.26, 0.76, 0.03
HSL	40°, 92%, 60%
HSV	40°, 76%, 97%
XYZ	56.0855, 53.9569, 11.5917
YIQ	188.0000, 77.9480, -24.9960

Conversions

Conversions Part 2

Format	Color
RYB	156, 247, 59
Decimal	16234299
CIELab	78.44, 12.33, 68.03
CIELCh	78, 69.140, 79.731
Yxy	53.9569, 0.4611, 0.4436
Android (android.graphics.Color)	4294424379 (0xFFFF7B73B)
YUV	188.0000, -63.5970, 51.7430
Hunter-Lab	73.4554, 7.7435, 42.0624

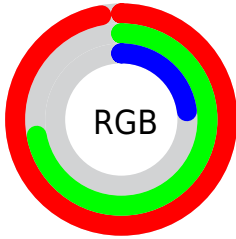
Details

The Yxy color **53.9569, 0.4611, 0.4436** is a light color, and the websafe version is hex **FFCC33**.

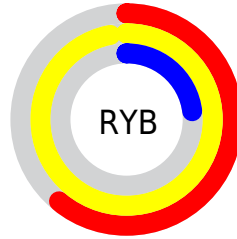
The color can be described as light washed orange. A complement of this color would be **21.8095, 0.1856, 0.1576**, and the grayscale version is **50.6249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2079, 0.4006, 0.4490**, and **26.4044, 0.4847, 0.4533** is the 20% darker color. If you saturate the color by 10%, you get **50.3949, 0.4782, 0.4471**, and if you desaturate by 10%, it is **57.8527, 0.4414, 0.4352**.

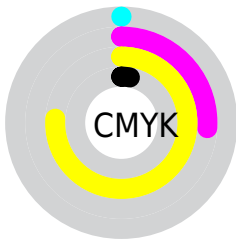
Distribution



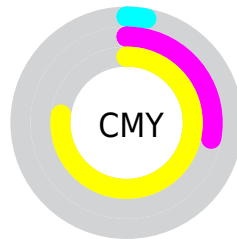
- Red (97%)
- Green (72%)
- Blue (23%)



- Red (61%)
- Yellow (97%)
- Blue (23%)



- Cyan (0%)
- Magenta (26%)
- Yellow (76%)
- Black (3%)





- Cyan (3%)
- Magenta (28%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9569, 0.4611, 0.4436 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 53.9569, 0.4611, 0.4436 by changing the saturation by 10% instead.


 53.9569, 0.4611,
0.4436

 53.9569, 0.4611,
0.4436


401.9456, 0.3943,
0.3962

 38.5672, 0.4742,
0.4515


 96.0110, 0.4393,
0.4292

 26.4232, 0.4888,
0.4593


 123.4441, 0.4304,
0.4230


 17.1405, 0.5045,
0.4660


 155.6605, 0.4225,
0.4173

 10.3347, 0.5257,
0.4743

 193.0446, 0.4155,
0.4122

 5.6214, 0.5340,
0.4660

 235.9808, 0.4093,
0.4076

 2.6163, 0.5470,
0.4530

284.8534, 0.4038,

 0.9349, 0.5698,

0.4034

340.0469, 0.3988,
0.3996

0.4302

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9569, 0.4611,
0.4436

53.9569, 0.4611,
0.4436

50.3949, 0.4782,
0.4471

57.8527, 0.4414,
0.4352


47.1362, 0.4921,
0.4453


62.0929, 0.4203,
0.4229


45.9445, 0.4968,
0.4437


66.6964, 0.3987,
0.4078


71.6780, 0.3776,
0.3909

 77.0513, 0.3576,
0.3734

 82.8289, 0.3391,
0.3559

 89.0228, 0.3222,
0.3390

 95.5414, 0.3079,
0.3244

 98.5179, 0.3078,
0.3290

Harmonies

Analogous

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



53.9569, 0.4929, 0.3794



53.9569, 0.4611, 0.4436



53.9569, 0.3919, 0.4922

Triad

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



53.9569, 0.4611, 0.4436



53.9569, 0.1766, 0.3134



53.9569, 0.2963, 0.2163

Complementary

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



53.9569, 0.4611, 0.4436



21.8095, 0.1856, 0.1576

Split Complementary

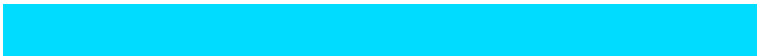
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.9569, 0.2199, 0.1957



53.9569, 0.4611, 0.4436



53.9569, 0.1597, 0.2382

Square

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



53.9569, 0.4611, 0.4436



53.9569, 0.2280, 0.4151



53.9569, 0.1744, 0.2012



53.9569, 0.3908, 0.2586

Rectangle

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



53.9569, 0.4611, 0.4436



53.9569, 0.3357, 0.4985



53.9569, 0.1744, 0.2012



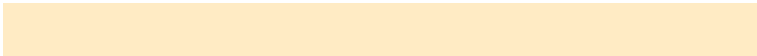
53.9569, 0.2677, 0.2068

Sweetspot

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



53.9596, 0.4611, 0.4436



84.6968, 0.3517, 0.3680



24.3780, 0.4861, 0.2717



17.6602, 0.3587, 0.3743



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.



53.9596, 0.4611, 0.4436



52.3716, 0.4856, 0.4468



81.8805, 0.3909, 0.5064



18.3079, 0.3277, 0.3446



24.5680, 0.4952, 0.4450



2.3494, 0.4833, 0.4545

Inverse Universe

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



21.8095, 0.1856, 0.1576



16.8949, 0.1693, 0.1236



11.8763, 0.1809, 0.0963



16.8489, 0.2980, 0.3129



7.1483, 0.1638, 0.1097



0.8113, 0.1707, 0.1345

Previews

White Background



This preview shows how the Yxy color 53.9569, 0.4611, 0.4436 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 53.9569, 0.4611, 0.4436 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 53.9569, 0.4611, 0.4436

Background



This preview shows how black text looks on a background with the Yxy color 53.9569, 0.4611, 0.4436.



This preview shows how white text looks on a background with the Yxy color 53.9569, 0.4611, 0.4436.

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

53.9569, 0.4611, 0.4436

Protanopia

54.2834, 0.4249, 0.4679

Deuteranopia

54.2365, 0.4572, 0.4475



Tritanopia

53.8465, 0.3777, 0.3155

Trichromacy



Original Color

53.9569, 0.4611, 0.4436

Protanomaly

54.2565, 0.4381, 0.4590

Deuteranomaly

53.9989, 0.4590, 0.4461

Tritanomaly

53.2195, 0.4151, 0.3673

Monochromacy



Original Color

53.9569, 0.4611, 0.4436

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5962, 0.3696, 0.3843

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9569, 0.4611, 0.4436 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(247, 183, 59)` looks like.

```
.text, #text, p{  
    color:rgb(247, 183, 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(247, 183, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 183, 59) }
```

Border

The CSS property to change the border of an element to Yxy 53.9569, 0.4611, 0.4436 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(247, 183, 59) }
```

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

```
.border{ border-color:rgb(247, 183, 59) }
```

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

Here you see how a box with a 4 pixel rgb(247, 183, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 183, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 183, 59);  
box-shadow:4px 4px 4px 4px rgb(247, 183,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9569, 0.4611, 0.4436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 183, 59) }
```

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

```
.background{ background-color: rgb(247,  
183, 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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