

Converting Colors

Yxy(47.9164, 0.4810, 0.4413)

Have a look what the booklet for
Yxy(47.9164, 0.4810, 0.4413)
contains.

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Color

Yxy(47.9349, 0.4809, 0.4415)

Conversions

Conversions Part 1

Format	Color
Hex	F5A927
RGB	245, 169, 39
RGB Percent	96%, 66%, 15%
CMY	0.0392, 0.3372, 0.8468
CMYK	0.00, 0.31, 0.84, 0.04
HSL	38°, 91%, 56%
HSV	38°, 84%, 96%
XYZ	52.2127, 47.9349, 8.4253
YIQ	176.9040, 87.0260, -24.3180

Conversions

Conversions Part 2

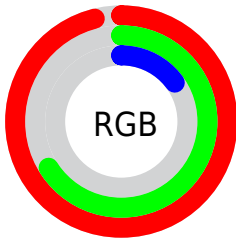
Format	Color
RYB	159, 245, 39
Decimal	16099623
CIELab	74.78, 18.19, 71.30
CIElCh	75, 73.581, 75.691
Yxy	47.9349, 0.4809, 0.4415
Android (android.graphics.Color)	4294289703 (0xFFFF5A927)
YUV	176.9040, -67.9867, 59.7202
Hunter-Lab	69.2350, 13.4521, 41.2495

Details

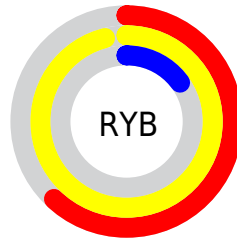
The Yxy color **47.9349, 0.4809, 0.4415** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **19.3027, 0.1782, 0.1466**, and the grayscale version is **44.2483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4344, 0.4178, 0.4499**, and **22.7899, 0.5006, 0.4407** is the 20% darker color. If you saturate the color by 10%, you get **44.5747, 0.4968, 0.4402**, and if you desaturate by 10%, it is **51.6373, 0.4618, 0.4375**.

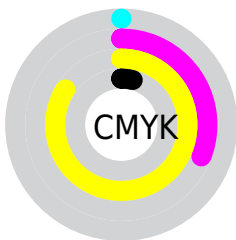
Distribution



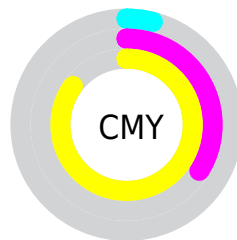
- Red (96%)
- Green (66%)
- Blue (15%)



- Red (62%)
- Yellow (96%)
- Blue (15%)



- Cyan (0%)
- Magenta (31%)
- Yellow (84%)
- Black (4%)




- Cyan (4%)
- Magenta (34%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9349, 0.4809, 0.4415 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 47.9349, 0.4809, 0.4415 by changing the saturation by 10% instead.


 47.9349, 0.4809,
0.4415


 47.9349, 0.4809,
0.4415

378.5340, 0.4045,
0.3971


 33.7753, 0.4957,
0.4476


 87.1075, 0.4561,
0.4289


 22.7211, 0.5119,
0.4527


 112.8893, 0.4458,
0.4231

 14.3877, 0.5305,
0.4564


 143.3139, 0.4368,
0.4178

 8.3908, 0.5470,
0.4530

 178.7658, 0.4288,
0.4129

 4.3460, 0.5608,
0.4392

 219.6294, 0.4217,
0.4084

 1.8689, 0.5829,
0.4171

 266.2890, 0.4153,

 0.5296, 0.6425,

0.4043

0.3575

319.1291, 0.4096,
0.4005

0.0000, 0.0000,
0.0000

47.9349, 0.4809,
0.4415

47.9349, 0.4809,
0.4415

44.5747, 0.4968,
0.4402

51.6373, 0.4618,
0.4375


42.7182, 0.5048,
0.4374

55.6966, 0.4405,
0.4288


60.1340, 0.4181,
0.4163

64.9659, 0.3957,
0.4013

70.2077, 0.3742,
0.3849

 75.8731, 0.3540,
0.3681

 81.9754, 0.3356,
0.3513

 88.5270, 0.3190,
0.3353

 95.2414, 0.3067,
0.3245

Harmonies

Analogous

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



47.9349, 0.5108, 0.3711



47.9349, 0.4809, 0.4415



47.9349, 0.4081, 0.5022

Triad

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



47.9349, 0.4809, 0.4415



47.9349, 0.1694, 0.3245



47.9349, 0.2810, 0.2024

Complementary

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



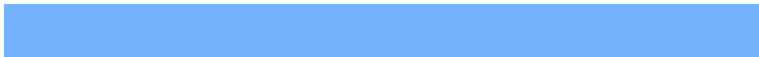
47.9349, 0.4809, 0.4415



19.3027, 0.1782, 0.1466

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.



47.9349, 0.2027, 0.1838



47.9349, 0.4809, 0.4415



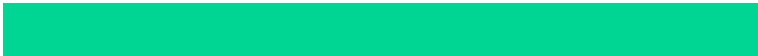
47.9349, 0.1476, 0.2369

Square

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



47.9349, 0.4809, 0.4415



47.9349, 0.2289, 0.4402



47.9349, 0.1590, 0.1930



47.9349, 0.3845, 0.2448

Rectangle

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



47.9349, 0.4809, 0.4415



47.9349, 0.3479, 0.5187



47.9349, 0.1590, 0.1930



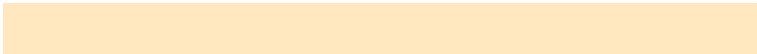
47.9349, 0.2512, 0.1934

Sweetspot

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



47.9373, 0.4809, 0.4415



82.4495, 0.3560, 0.3697



22.1770, 0.5015, 0.2670



17.1721, 0.3629, 0.3757



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.



47.9373, 0.4809, 0.4415



46.7119, 0.5051, 0.4372



80.8235, 0.3980, 0.5120



18.2254, 0.3278, 0.3439



23.2858, 0.5031, 0.4387



2.2426, 0.4898, 0.4493

Inverse Universe

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



19.3027, 0.1782, 0.1466



15.2447, 0.1650, 0.1140



9.1081, 0.1668, 0.0789



16.9283, 0.2980, 0.3136



7.7709, 0.1659, 0.1174



0.8725, 0.1728, 0.1422

Previews

White Background



This preview shows how the Yxy color 47.9349, 0.4809, 0.4415 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 47.9349, 0.4809, 0.4415 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 47.9349, 0.4809, 0.4415

Background



This preview shows how black text looks on a background with the Yxy color 47.9349, 0.4809, 0.4415.



This preview shows how white text looks on a background with the Yxy color 47.9349, 0.4809, 0.4415.

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

47.9349, 0.4809, 0.4415

Protanopia

48.1377, 0.4311, 0.4769

Deuteranopia

47.9431, 0.4650, 0.4557



Tritanopia

48.0137, 0.3937, 0.3175

Trichromacy



Original Color

47.9349, 0.4809, 0.4415

Protanomaly

47.7795, 0.4496, 0.4634

Deuteranomaly

48.0252, 0.4709, 0.4505

Tritanomaly

47.3855, 0.4352, 0.3716

Monochromacy



Original Color

47.9349, 0.4809, 0.4415

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.3610, 0.3799, 0.3890

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9349, 0.4809, 0.4415 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(245, 169, 39)` looks like.

```
.text, #text, p{  
    color:rgb(245, 169, 39)  
}
```

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(245, 169, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 169, 39) }
```

Border

The CSS property to change the border of an element to Yxy 47.9349, 0.4809, 0.4415 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(245, 169, 39) }
```

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

```
.border{ border-color:rgb(245, 169, 39) }
```

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

Here you see how a box with a 4 pixel rgb(245, 169, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 169, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 169, 39);  
box-shadow:4px 4px 4px 4px rgb(245, 169,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9349, 0.4809, 0.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 169, 39) }
```

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

```
.background{ background-color: rgb(245,  
169, 39) }
```

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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