

Converting Colors

$Y_{xy}(41.6924, 0.4539, 0.3796)$

Have a look what the booklet for
Yxy(41.6924, 0.4539, 0.3796)
contains.

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Color

Yxy(41.4927, 0.4539, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	F19667
RGB	241, 150, 103
RGB Percent	95%, 59%, 40%
CMY	0.0549, 0.4117, 0.5962
CMYK	0.00, 0.38, 0.57, 0.05
HSL	20°, 83%, 67%
HSV	20°, 57%, 95%
XYZ	49.6272, 41.4927, 18.2152
YIQ	171.8510, 69.3230, 4.6750

Conversions

Conversions Part 2

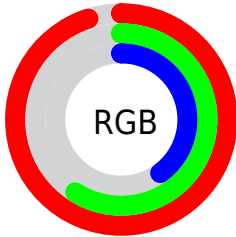
Format	Color
R_{YB}	241, 174, 103
Decimal	15832679
CIE _{Lab}	70.52, 29.69, 38.97
CIE _{LCh}	71, 48.993, 52.696
Yxy	41.4927, 0.4539, 0.3795
Android (android.graphics.Color)	4294022759 (0xFFFF19667)
YUV	171.8510, -33.9435, 60.6437
Hunter-Lab	64.4148, 24.7961, 28.3243

Details

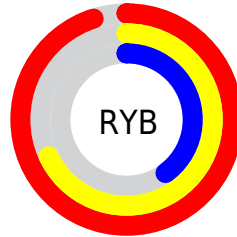
The Yxy color **41.4927, 0.4539, 0.3795** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.7913, 0.2278, 0.2672**, and the grayscale version is **41.3242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2892, 0.3906, 0.3809**, and **18.8255, 0.4940, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **36.3476, 0.4890, 0.3845**, and if you desaturate by 10%, it is **47.4687, 0.4210, 0.3719**.

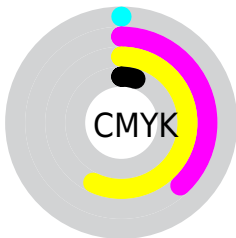
Distribution



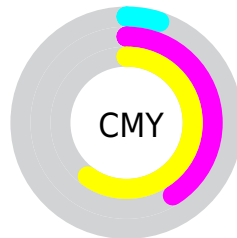
- Red (95%)
- Green (59%)
- Blue (40%)



- Red (95%)
- Yellow (68%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (57%)
- Black (5%)





- Cyan (5%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4927, 0.4539, 0.3795 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 41.4927, 0.4539, 0.3795 by changing the saturation by 10% instead.


 41.4927, 0.4539,
0.3795

 41.4927, 0.4539,
0.3795


352.3757, 0.3824,
0.3587

 28.7043, 0.4713,
0.3829


 77.4313, 0.4281,
0.3732


 18.8572, 0.4931,
0.3860


 101.3502, 0.4183,
0.3705

 11.5672, 0.5207,
0.3880


 129.7481, 0.4100,
0.3680

 6.4497, 0.5561,
0.3867

 163.0093, 0.4029,
0.3657

 3.1204, 0.6148,
0.3852

201.5183, 0.3968,
0.3637

 1.1949, 0.6552,
0.3448

245.6594, 0.3914,

 0.0575, 0.9313,

0.3619

0.0687

295.8171, 0.3866,
0.3602

0.0000, 0.0000,
0.0000

41.4927, 0.4539,
0.3795

41.4927, 0.4539,
0.3795

36.3476, 0.4890,
0.3845

47.4687, 0.4210,
0.3719

31.9873, 0.5242,
0.3858

54.3061, 0.3914,
0.3630

28.3700, 0.5563,
0.3821

62.0413, 0.3656,
0.3535

25.4453, 0.5824,
0.3735

70.7068, 0.3434,
0.3442

24.7561, 0.5887,
0.3708

80.3331, 0.3246,
0.3352

■ 90.9496, 0.3086,
0.3268

■ 97.4397, 0.3041,
0.3290

Harmonies

Analogous

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



41.4927, 0.4371, 0.3263



41.4927, 0.4539, 0.3795



41.4927, 0.4282, 0.4287

Triad

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



41.4927, 0.4539, 0.3795



41.4927, 0.2420, 0.3871



41.4927, 0.2444, 0.2217

Complementary

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



41.4927, 0.4539, 0.3795



47.7913, 0.2278, 0.2672

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.



41.4927, 0.2035, 0.2252



41.4927, 0.4539, 0.3795



41.4927, 0.2014, 0.3123

Square

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



41.4927, 0.4539, 0.3795



41.4927, 0.3044, 0.4460



41.4927, 0.1888, 0.2547



41.4927, 0.3080, 0.2405

Rectangle

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



41.4927, 0.4539, 0.3795



41.4927, 0.3935, 0.4520



41.4927, 0.1888, 0.2547



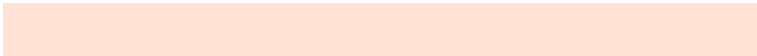
41.4927, 0.2279, 0.2202

Sweetspot

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



41.4948, 0.4539, 0.3795



80.6205, 0.3430, 0.3440



32.3324, 0.3681, 0.2335



16.8116, 0.3471, 0.3458



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.



41.4948, 0.4539, 0.3795



40.2973, 0.4959, 0.3851



69.8154, 0.4075, 0.4460



16.6395, 0.3285, 0.3371



13.6498, 0.5857, 0.3731



1.3135, 0.5603, 0.3933

Inverse Universe

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



47.7913, 0.2278, 0.2672



47.9265, 0.2142, 0.2517



24.1457, 0.2075, 0.1732



16.9687, 0.2980, 0.3208



17.1233, 0.1927, 0.2135



1.6083, 0.1974, 0.2305

Previews

White Background



This preview shows how the Yxy color 41.4927, 0.4539, 0.3795 looks on a white background.

Color Contrast Check

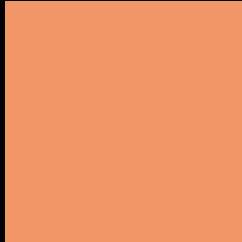
Large Text (above 18pt) WCAG AA × Fail

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 41.4927, 0.4539, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

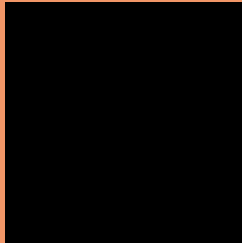
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4927, 0.4539, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 41.4927, 0.4539, 0.3795.



This preview shows how white text looks on a background with the Yxy color 41.4927, 0.4539, 0.3795.

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

41.4927, 0.4539, 0.3795

Protanopia

41.7484, 0.3796, 0.4105

Deuteranopia

41.5320, 0.4162, 0.4083



Tritanopia

41.3905, 0.4087, 0.3173

Trichromacy



Original Color

41.4927, 0.4539, 0.3795

Protanomaly

41.2798, 0.4055, 0.3990

Deuteranomaly

41.4533, 0.4296, 0.3980

Tritanomaly

41.5401, 0.4269, 0.3413

Monochromacy



Original Color

41.4927, 0.4539, 0.3795

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.5278, 0.3604, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4927, 0.4539, 0.3795 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(241, 150, 103)` looks like.

```
.text, #text, p{  
    color:rgb(241, 150, 103)  
}
```

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(241, 150, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 150, 103) }
```

Border

The CSS property to change the border of an element to Yxy 41.4927, 0.4539, 0.3795 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(241, 150, 103) }
```

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

```
.border{ border-color:rgb(241, 150, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 150, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 150, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 150, 103);  
box-shadow:4px 4px 4px 4px rgb(241, 150,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4927, 0.4539, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 150, 103) }
```

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

```
.background{ background-color: rgb(241,  
150, 103) }
```

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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