

Converting Colors

$Y_{xy}(41.5309, 0.4429, 0.3656)$

Have a look what the booklet for
Yxy(41.5309, 0.4429, 0.3656)
contains.

Yxy(41.4566, 0.4420, 0.3652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.4566, 0.4420, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	F19574
RGB	241, 149, 116
RGB Percent	95%, 58%, 45%
CMY	0.0549, 0.4157, 0.5450
CMYK	0.00, 0.38, 0.52, 0.05
HSL	16°, 82%, 70%
HSV	16°, 52%, 95%
XYZ	50.1747, 41.4566, 21.8862
YIQ	172.7460, 65.4250, 9.2410

Conversions

Conversions Part 2

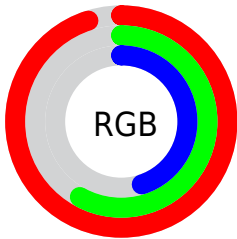
Format	Color
R _Y B	241, 161, 116
Decimal	15832436
CIE Lab	70.49, 31.28, 31.97
CIE LCh	70, 44.725, 45.631
Yxy	41.4566, 0.4420, 0.3652
Android (android.graphics.Color)	4294022516 (0xFF19574)
YUV	172.7460, -27.9758, 59.8588
Hunter-Lab	64.3868, 26.4229, 24.9171

Details

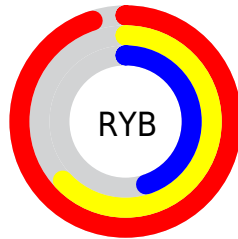
The Yxy color **41.4566, 0.4420, 0.3652** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **55.1790, 0.2374, 0.2870**, and the grayscale version is **41.7753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2729, 0.3809, 0.3666**, and **18.7784, 0.4795, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **35.7764, 0.4794, 0.3700**, and if you desaturate by 10%, it is **48.1413, 0.4083, 0.3588**.

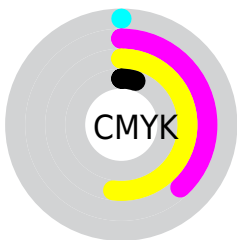
Distribution



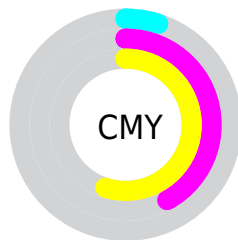
- Red (95%)
- Green (58%)
- Blue (45%)



- Red (95%)
- Yellow (63%)
- Blue (45%)



- Cyan (0%)
- Magenta (38%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4566, 0.4420, 0.3652 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 41.4566, 0.4420, 0.3652 by changing the saturation by 10% instead.


 41.4566, 0.4420,
0.3652


 41.4566, 0.4420,
0.3652


352.2254, 0.3759,
0.3505


 28.6760, 0.4585,
0.3675


 77.3765, 0.4179,
0.3608

 18.8359, 0.4794,
0.3697


 101.2847, 0.4089,
0.3589

 11.5518, 0.5066,
0.3709


 129.6709, 0.4012,
0.3571

 6.4392, 0.5429,
0.3697

162.9194, 0.3947,
0.3555

 3.1140, 0.6036,
0.3686

201.4148, 0.3891,
0.3541

 1.1915, 0.6627,
0.3373

245.5413, 0.3841,

 0.0548, 0.9371,

0.3528

0.0629

295.6833, 0.3798,
0.3516

0.0000, 0.0000,
0.0000

41.4566, 0.4420,
0.3652

41.4566, 0.4420,
0.3652

35.7764, 0.4794,
0.3700

48.1413, 0.4083,
0.3588

31.0443, 0.5185,
0.3719

55.8706, 0.3790,
0.3515

27.2077, 0.5559,
0.3699


64.6898, 0.3541,
0.3441

24.2056, 0.5876,
0.3635

74.6399, 0.3331,
0.3370

22.3230, 0.6073,
0.3560

85.7595, 0.3156,
0.3302

 97.4396, 0.3041,
0.3290

Harmonies

Analogous

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



41.4566, 0.4169, 0.3160



41.4566, 0.4420, 0.3652



41.4566, 0.4277, 0.4121

Triad

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



41.4566, 0.4420, 0.3652



41.4566, 0.2604, 0.3969



41.4566, 0.2389, 0.2285

Complementary

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



41.4566, 0.4420, 0.3652



55.1790, 0.2374, 0.2870

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.



41.4566, 0.2063, 0.2376



41.4566, 0.4420, 0.3652



41.4566, 0.2169, 0.3298

Square

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



41.4566, 0.4420, 0.3652



41.4566, 0.3208, 0.4418



41.4566, 0.1985, 0.2717



41.4566, 0.2936, 0.2413

Rectangle

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



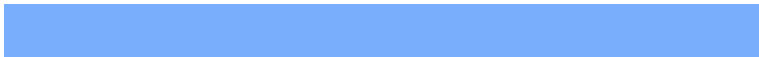
41.4566, 0.4420, 0.3652



41.4566, 0.4000, 0.4361



41.4566, 0.1985, 0.2717



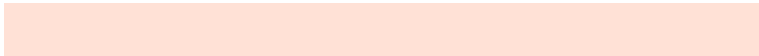
41.4566, 0.2254, 0.2289

Sweetspot

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



41.4587, 0.4420, 0.3652



79.9593, 0.3415, 0.3399



35.8358, 0.3496, 0.2314



16.6160, 0.3458, 0.3414



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.



41.4587, 0.4420, 0.3652



40.4803, 0.4806, 0.3701



65.9309, 0.4045, 0.4273



16.4373, 0.3287, 0.3353



12.2931, 0.6045, 0.3582



1.1799, 0.5789, 0.3785

Inverse Universe

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



55.1790, 0.2374, 0.2870



57.4789, 0.2256, 0.2769



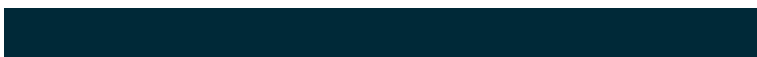
31.0144, 0.2208, 0.2040



17.1817, 0.2981, 0.3226



20.8099, 0.2003, 0.2410



1.8926, 0.2039, 0.2540

Previews

White Background



This preview shows how the Yxy color 41.4566, 0.4420, 0.3652 looks on a white background.

Color Contrast Check

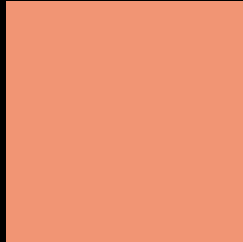
Large Text (above 18pt) WCAG AA × Fail

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 41.4566, 0.4420, 0.3652 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 41.4566, 0.4420, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 41.4566, 0.4420, 0.3652.



This preview shows how white text looks on a background with the Yxy color 41.4566, 0.4420, 0.3652.

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

41.4566, 0.4420, 0.3652

Protanopia

41.8326, 0.3656, 0.3926

Deuteranopia

41.5124, 0.4029, 0.3940



Tritanopia

41.5127, 0.4073, 0.3183

Trichromacy



Original Color

41.4566, 0.4420, 0.3652

Protanomaly

41.0779, 0.3932, 0.3824

Deuteranomaly

41.2268, 0.4174, 0.3828

Tritanomaly

41.5059, 0.4206, 0.3359

Monochromacy



Original Color

41.4566, 0.4420, 0.3652

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8237, 0.3566, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4566, 0.4420, 0.3652 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, 149, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 149, 116)  
}
```

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, 149, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 149, 116) }
```

Border

The CSS property to change the border of an element to Yxy 41.4566, 0.4420, 0.3652 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, 149, 116) }
```

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

```
.border{ border-color:rgb(241, 149, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 149, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 149, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 149, 116);  
box-shadow:4px 4px 4px 4px rgb(241, 149,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4566, 0.4420, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 149, 116) }
```

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

```
.background{ background-color: rgb(241,  
149, 116) }
```

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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