

Converting Colors

$Y_{xy}(48.9484, 0.4759, 0.3549)$

Have a look what the booklet for
Yxy(48.9484, 0.4759, 0.3549)
contains.

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Color

Yxy(43.4593, 0.4531, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	FF9377
RGB	255, 147, 119
RGB Percent	100%, 58%, 47%
CMY	0.0000, 0.4235, 0.5335
CMYK	0.00, 0.42, 0.53, 0.00
HSL	12°, 100%, 73%
HSV	12°, 53%, 100%
XYZ	55.0039, 43.4593, 22.9315
YIQ	176.1000, 73.3560, 14.1880

Conversions

Conversions Part 2

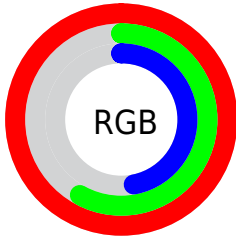
Format	Color
R_{YB}	255, 154, 119
Decimal	16749431
CIE _{Lab}	71.87, 37.94, 32.50
CIE _{LCh}	72, 49.953, 40.587
Yxy	43.4593, 0.4531, 0.3580
Android (android.graphics.Color)	4294939511 (0xFFFF9377)
YUV	176.1000, -28.1503, 69.1953
Hunter-Lab	65.9237, 33.5665, 25.5226

Details

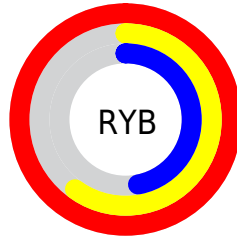
The Yxy color **43.4593, 0.4531, 0.3580** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66.0570, 0.2374, 0.2953**, and the grayscale version is **43.5907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4796, 0.3784, 0.3604**, and **20.0959, 0.4921, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **37.1757, 0.4935, 0.3612**, and if you desaturate by 10%, it is **51.0168, 0.4166, 0.3532**.

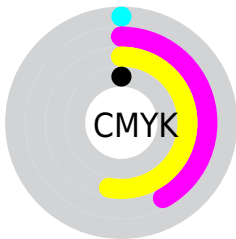
Distribution



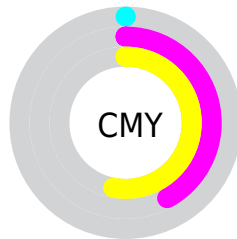
- Red (100%)
- Green (58%)
- Blue (47%)



- Red (100%)
- Yellow (60%)
- Blue (47%)



- Cyan (0%)
- Magenta (42%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4593, 0.4531, 0.3580 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 43.4593, 0.4531, 0.3580 by changing the saturation by 10% instead.


 43.4593, 0.4531,
0.3580


 43.4593, 0.4531,
0.3580


360.4972, 0.3819,
0.3476

 30.2457, 0.4706,
0.3591


 80.4035, 0.4273,
0.3553

 20.0251, 0.4928,
0.3596


 104.9029, 0.4176,
0.3540

 12.4133, 0.5215,
0.3588


 133.9329, 0.4093,
0.3527

 7.0258, 0.5593,
0.3547

167.8780, 0.4023,
0.3515

 3.4782, 0.6170,
0.3468

207.1226, 0.3961,
0.3504

 1.3862, 0.6841,
0.3159

252.0511, 0.3908,

 0.2065, 0.8483,

0.3494

0.1517

303.0478, 0.3861,
0.3485

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.4593, 0.4531,
0.3580

43.4593, 0.4531,
0.3580

37.1757, 0.4935,
0.3612

51.0168, 0.4166,
0.3532

32.0919, 0.5352,
0.3617


59.9114, 0.3851,
0.3476


28.1297, 0.5739,
0.3586

70.2052, 0.3585,
0.3418

25.2001, 0.6046,
0.3519

81.9555, 0.3364,
0.3361

 23.7661, 0.6194,
0.3464

 95.2163, 0.3181,
0.3307

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



43.4593, 0.4186, 0.3055



43.4593, 0.4531, 0.3580



43.4593, 0.4436, 0.4103

Triad

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



43.4593, 0.4531, 0.3580



43.4593, 0.2651, 0.4155



43.4593, 0.2245, 0.2198

Complementary

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



43.4593, 0.4531, 0.3580



66.0570, 0.2374, 0.2953

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.



43.4593, 0.1939, 0.2334



43.4593, 0.4531, 0.3580



43.4593, 0.2142, 0.3418

Square

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



43.4593, 0.4531, 0.3580



43.4593, 0.3324, 0.4577



43.4593, 0.1901, 0.2745



43.4593, 0.2800, 0.2301

Rectangle

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



43.4593, 0.4531, 0.3580



43.4593, 0.4162, 0.4397



43.4593, 0.1901, 0.2745



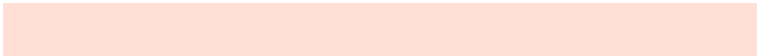
43.4593, 0.2114, 0.2215

Sweetspot

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



43.4602, 0.4531, 0.3580



78.6921, 0.3418, 0.3376



40.0358, 0.3442, 0.2230



16.3171, 0.3463, 0.3387



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.



43.4602, 0.4531, 0.3580



36.8074, 0.4962, 0.3613



70.7806, 0.4113, 0.4240



18.5934, 0.3289, 0.3340



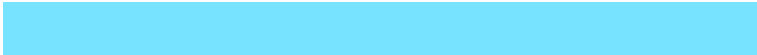
12.5875, 0.6169, 0.3484



1.3731, 0.5962, 0.3648

Inverse Universe

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



66.0570, 0.2374, 0.2953



61.3896, 0.2265, 0.2873



36.2040, 0.2195, 0.2081



19.8081, 0.2980, 0.3240



26.1743, 0.2059, 0.2612



2.7011, 0.2083, 0.2698

Previews

White Background



This preview shows how the Yxy color 43.4593, 0.4531, 0.3580 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 43.4593, 0.4531, 0.3580 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 43.4593, 0.4531, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 43.4593, 0.4531, 0.3580.



This preview shows how white text looks on a background with the Yxy color 43.4593, 0.4531, 0.3580.

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

43.4593, 0.4531, 0.3580

Protanopia

43.5082, 0.3631, 0.3890

Deuteranopia

43.6108, 0.4027, 0.3952



Tritanopia

43.5396, 0.4178, 0.3188

Trichromacy



Original Color

43.4593, 0.4531, 0.3580



Protanomaly

42.5887, 0.3949, 0.3760



Deuteranomaly

43.2447, 0.4220, 0.3811



Tritanomaly

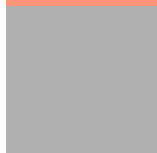
43.4339, 0.4313, 0.3335

Monochromacy



Original Color

43.4593, 0.4531, 0.3580



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

42.2560, 0.3604, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4593, 0.4531, 0.3580 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(255, 147, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 119)  
}
```

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(255, 147, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 119) }
```

Border

The CSS property to change the border of an element to Yxy 43.4593, 0.4531, 0.3580 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(255, 147, 119) }
```

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

```
.border{ border-color:rgb(255, 147, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 147, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 147, 119); box-shadow:4px 4px 4px 4px rgb(255, 147, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4593, 0.4531, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 119) }
```

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

```
.background{ background-color: rgb(255,  
147, 119) }
```

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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