

Converting Colors

$Y_{xy}(44.0791, 0.4574, 0.3570)$

Have a look what the booklet for
Yxy(44.0791, 0.4574, 0.3570)
contains.

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Color

Yxy(43.1497, 0.4537, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	FF9277
RGB	255, 146, 119
RGB Percent	100%, 57%, 47%
CMY	0.0000, 0.4275, 0.5332
CMYK	0.00, 0.43, 0.53, 0.00
HSL	12°, 100%, 73%
HSV	12°, 53%, 100%
XYZ	54.8530, 43.1497, 22.8987
YIQ	175.5130, 73.6310, 14.7110

Conversions

Conversions Part 2

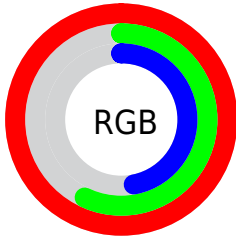
Format	Color
R_{YB}	255, 153, 119
Decimal	16749175
CIE _{Lab}	71.66, 38.46, 32.20
CIE _{LCh}	72, 50.153, 39.937
Yxy	43.1497, 0.4537, 0.3569
Android (android.graphics.Color)	4294939255 (0xFFFF9277)
YUV	175.5130, -27.8609, 69.7101
Hunter-Lab	65.6884, 34.1012, 25.3136

Details

The Yxy color **43.1497, 0.4537, 0.3569** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66.6467, 0.2377, 0.2966**, and the grayscale version is **43.2687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0118, 0.3788, 0.3594**, and **19.7402, 0.4942, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **36.8683, 0.4944, 0.3599**, and if you desaturate by 10%, it is **50.7227, 0.4169, 0.3523**.

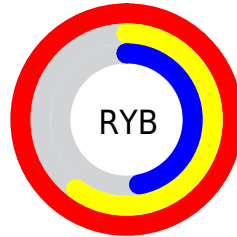
Distribution



Red (100%)

Green (57%)

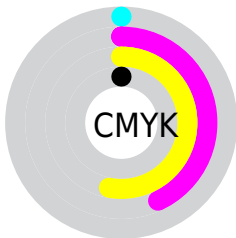
Blue (47%)



Red (100%)

Yellow (60%)

Blue (47%)

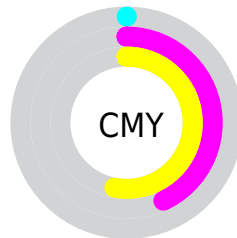


Cyan (0%)

Magenta (43%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1497, 0.4537, 0.3569 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 43.1497, 0.4537, 0.3569 by changing the saturation by 10% instead.


 43.1497, 0.4537,
0.3569

 43.1497, 0.4537,
0.3569


359.2270, 0.3821,
0.3471


 30.0026, 0.4714,
0.3579


 79.9367, 0.4277,
0.3544

 19.8406, 0.4937,
0.3582


 104.3454, 0.4179,
0.3531

 12.2792, 0.5227,
0.3571


 133.2768, 0.4096,
0.3519

 6.9341, 0.5609,
0.3527

167.1151, 0.4025,
0.3508

 3.4209, 0.6194,
0.3444

206.2450, 0.3964,
0.3498

 1.3552, 0.6874,
0.3126

251.0506, 0.3910,

 0.1834, 0.8618,

0.3488

0.1382

301.9165, 0.3863,
0.3479

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.1497, 0.4537,
0.3569

43.1497, 0.4537,
0.3569

36.8683, 0.4944,
0.3599

50.7227, 0.4169,
0.3523

31.8042, 0.5364,
0.3603

59.6541, 0.3852,
0.3469

27.8766, 0.5754,
0.3573

70.0070, 0.3585,
0.3413

24.9934, 0.6061,
0.3507

81.8402, 0.3363,
0.3358

■ 23.5912, 0.6207,
0.3453

■ 95.2092, 0.3181,
0.3306

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.



43.1497, 0.4181, 0.3043



43.1497, 0.4537, 0.3569



43.1497, 0.4450, 0.4096

Triad

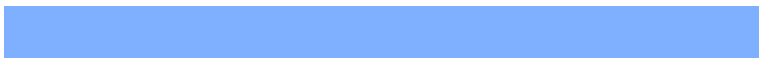
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.1497, 0.4537, 0.3569



43.1497, 0.2661, 0.4175



43.1497, 0.2230, 0.2193

Complementary

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



43.1497, 0.4537, 0.3569



66.6467, 0.2377, 0.2966

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.



43.1497, 0.1929, 0.2334



43.1497, 0.4537, 0.3569



43.1497, 0.2144, 0.3435

Square

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



43.1497, 0.4537, 0.3569



43.1497, 0.3339, 0.4590



43.1497, 0.1896, 0.2753



43.1497, 0.2783, 0.2291

Rectangle

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



43.1497, 0.4537, 0.3569



43.1497, 0.4179, 0.4394



43.1497, 0.1896, 0.2753



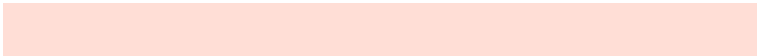
43.1497, 0.2101, 0.2211

Sweetspot

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



43.1499, 0.4537, 0.3569



78.5236, 0.3419, 0.3372



40.1774, 0.3419, 0.2211



16.2774, 0.3463, 0.3384



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.



43.1499, 0.4537, 0.3569



36.4876, 0.4972, 0.3600



69.6506, 0.4126, 0.4220



18.5703, 0.3289, 0.3338



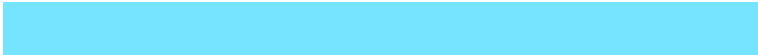
12.4909, 0.6183, 0.3473



1.3605, 0.5978, 0.3635

Inverse Universe

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



66.6467, 0.2377, 0.2966



62.0620, 0.2269, 0.2889



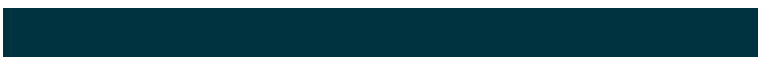
37.0147, 0.2201, 0.2111



19.8332, 0.2980, 0.3242



26.6581, 0.2067, 0.2639



2.7441, 0.2089, 0.2722

Previews

White Background



This preview shows how the Yxy color 43.1497, 0.4537, 0.3569 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 43.1497, 0.4537, 0.3569 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 43.1497, 0.4537, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 43.1497, 0.4537, 0.3569.



This preview shows how white text looks on a background with the Yxy color 43.1497, 0.4537, 0.3569.

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

43.1497, 0.4537, 0.3569

Protanopia

43.5354, 0.3622, 0.3877

Deuteranopia

43.2401, 0.4033, 0.3941



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.1497, 0.4537, 0.3569

Protanomaly

42.5887, 0.3949, 0.3760

Deuteranomaly

42.8965, 0.4226, 0.3799

Tritanomaly

43.1296, 0.4319, 0.3325

Monochromacy



Original Color

43.1497, 0.4537, 0.3569

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 43.1497, 0.4537, 0.3569 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, 146, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 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, 146, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 119) }
```

Border

The CSS property to change the border of an element to Yxy 43.1497, 0.4537, 0.3569 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, 146, 119) }
```

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

```
.border{ border-color:rgb(255, 146, 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, 146, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1497, 0.4537, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 119) }
```

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

```
.background{ background-color: rgb(255,  
146, 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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