

Converting Colors

$Y_{xy}(39.5709, 0.4735, 0.3616)$

Have a look what the booklet for
Yxy(39.5709, 0.4735, 0.3616)
contains.

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Color

Yxy(39.4904, 0.4741, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	FD8868
RGB	253, 136, 104
RGB Percent	99%, 53%, 41%
CMY	0.0077, 0.4667, 0.5921
CMYK	0.00, 0.46, 0.59, 0.01
HSL	13°, 97%, 70%
HSV	13°, 59%, 99%
XYZ	51.8195, 39.4904, 17.9909
YIQ	167.3350, 80.0040, 14.8520

Conversions

Conversions Part 2

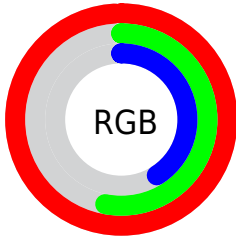
Format	Color
R _Y B	253, 145, 104
Decimal	16615528
CIE Lab	69.11, 41.63, 36.99
CIE LCh	69, 55.689, 41.617
Yxy	39.4904, 0.4741, 0.3613
Android (android.graphics.Color)	4294805608 (0xFFFD8868)
YUV	167.3350, -31.2242, 75.1282
Hunter-Lab	62.8414, 37.2202, 27.0148

Details

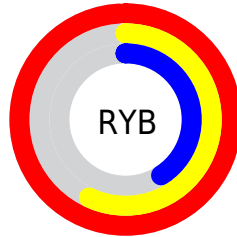
The Yxy color **39.4904, 0.4741, 0.3613** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **61.7801, 0.2311, 0.2895**, and the grayscale version is **38.9420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9219, 0.3955, 0.3658**, and **17.5484, 0.5200, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **33.9653, 0.5153, 0.3633**, and if you desaturate by 10%, it is **46.2117, 0.4356, 0.3571**.

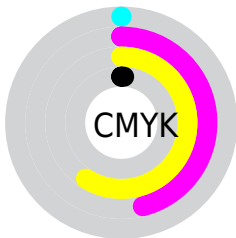
Distribution



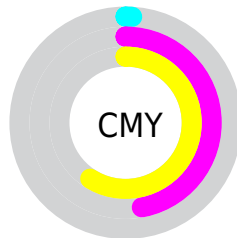
- Red (99%)
- Green (53%)
- Blue (41%)



- Red (99%)
- Yellow (57%)
- Blue (41%)



- Cyan (0%)
- Magenta (46%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4904, 0.4741, 0.3613 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 39.4904, 0.4741, 0.3613 by changing the saturation by 10% instead.

 39.4904, 0.4741,
0.3613


 39.4904, 0.4741,
0.3613


343.9710, 0.3915,
0.3506

 27.1414, 0.4945,
0.3619


 74.3869, 0.4441,
0.3589

 17.6795, 0.5201,
0.3613


 97.7032, 0.4328,
0.3575

 10.7201, 0.5528,
0.3583


 125.4441, 0.4232,
0.3562

 5.8790, 0.5952,
0.3499

 157.9940, 0.4150,
0.3549

 2.7716, 0.6634,
0.3366

195.7372, 0.4079,
0.3537

 1.0137, 0.7162,
0.2838

239.0582, 0.4017,

 0.0000, 1.0000,

0.3526

0.0000

288.3413, 0.3963,
0.3516

■ 0.0000, 0.0000,
0.0000

■ 39.4904, 0.4741,
0.3613

■ 39.4904, 0.4741,
0.3613

■ 33.9653, 0.5153,
0.3633

■ 46.2117, 0.4356,
0.3571

■ 29.5584, 0.5556,
0.3619

■ 54.1885, 0.4015,
0.3516

■ 26.1919, 0.5904,
0.3568

■ 63.4836, 0.3724,
0.3456

■ 23.7706, 0.6154,
0.3485

■ 74.1536, 0.3480,
0.3396

■ 23.5538, 0.6178,
0.3477

■ 86.2517, 0.3278,
0.3338

99.6283, 0.3115,
0.3290

Harmonies

Analogous

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



39.4904, 0.4368, 0.3032



39.4904, 0.4741, 0.3613



39.4904, 0.4597, 0.4204

Triad

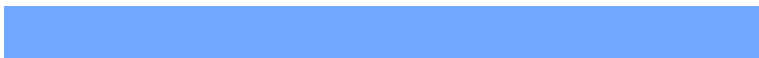
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.4904, 0.4741, 0.3613



39.4904, 0.2548, 0.4276



39.4904, 0.2145, 0.2061

Complementary

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



39.4904, 0.4741, 0.3613



61.7801, 0.2311, 0.2895

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.



39.4904, 0.1799, 0.2193



39.4904, 0.4741, 0.3613



39.4904, 0.1992, 0.3396

Square

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



39.4904, 0.4741, 0.3613



39.4904, 0.3304, 0.4782



39.4904, 0.1743, 0.2632



39.4904, 0.2774, 0.2188

Rectangle

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



39.4904, 0.4741, 0.3613



39.4904, 0.4268, 0.4548



39.4904, 0.1743, 0.2632



39.4904, 0.1997, 0.2075

Sweetspot

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



39.4925, 0.4741, 0.3613



76.5046, 0.3461, 0.3391



36.1314, 0.3485, 0.2141



15.6589, 0.3526, 0.3408



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.



39.4925, 0.4741, 0.3613



33.5187, 0.5241, 0.3633



67.1583, 0.4224, 0.4321



18.6186, 0.3289, 0.3342



12.6971, 0.6153, 0.3497



1.3871, 0.5944, 0.3663

Inverse Universe

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



61.7801, 0.2311, 0.2895



57.8641, 0.2199, 0.2799



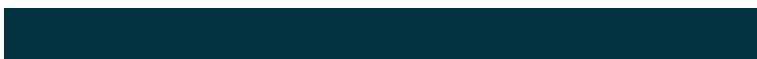
31.4433, 0.2097, 0.1931



19.7809, 0.2980, 0.3238



25.6539, 0.2051, 0.2582



2.6547, 0.2076, 0.2672

Previews

White Background



This preview shows how the Yxy color 39.4904, 0.4741, 0.3613 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 39.4904, 0.4741, 0.3613 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 39.4904, 0.4741, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 39.4904, 0.4741, 0.3613.



This preview shows how white text looks on a background with the Yxy color 39.4904, 0.4741, 0.3613.

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

39.4904, 0.4741, 0.3613

Protanopia

39.7276, 0.3722, 0.4005

Deuteranopia

39.5124, 0.4159, 0.4062



Tritanopia

39.4157, 0.4385, 0.3191

Trichromacy



Original Color

39.4904, 0.4741, 0.3613

Protanomaly

38.6937, 0.4086, 0.3857

Deuteranomaly

39.0840, 0.4373, 0.3884

Tritanomaly

39.4044, 0.4513, 0.3345

Monochromacy



Original Color

39.4904, 0.4741, 0.3613

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7963, 0.3670, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4904, 0.4741, 0.3613 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(253, 136, 104)` looks like.

```
.text, #text, p{  
    color:rgb(253, 136, 104)  
}
```

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(253, 136, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 136, 104) }
```

Border

The CSS property to change the border of an element to Yxy 39.4904, 0.4741, 0.3613 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(253, 136, 104) }
```

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

```
.border{ border-color:rgb(253, 136, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 136, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 136, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 136, 104);  
box-shadow:4px 4px 4px 4px rgb(253, 136,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4904, 0.4741, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 136, 104) }
```

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

```
.background{ background-color: rgb(253,  
136, 104) }
```

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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