

Converting Colors

$Y_{xy}(39.4216, 0.4557, 0.3707)$

Have a look what the booklet for
Yxy(39.4216, 0.4557, 0.3707)
contains.

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Color

Yxy(39.4917, 0.4555, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	F09069
RGB	240, 144, 105
RGB Percent	94%, 56%, 41%
CMY	0.0588, 0.4353, 0.5882
CMYK	0.00, 0.40, 0.56, 0.06
HSL	17°, 82%, 68%
HSV	17°, 56%, 94%
XYZ	48.4603, 39.4917, 18.4373
YIQ	168.2580, 69.7350, 8.2230

Conversions

Conversions Part 2

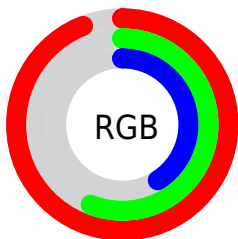
Format	Color
R_{YB}	240, 160, 105
Decimal	15765609
CIE _{Lab}	69.11, 32.60, 36.09
CIE _{LCh}	69, 48.635, 47.902
Yxy	39.4917, 0.4555, 0.3712
Android (android.graphics.Color)	4293955689 (0xFFFF09069)
YUV	168.2580, -31.1862, 62.9177
Hunter-Lab	62.8424, 27.6743, 26.5947

Details

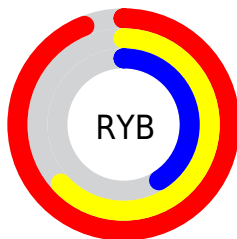
The Yxy color **39.4917, 0.4555, 0.3712** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.0783, 0.2312, 0.2782**, and the grayscale version is **39.4236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5412, 0.3914, 0.3729**, and **17.6530, 0.4967, 0.3749** is the 20% darker color. If you saturate the color by 10%, you get **34.2821, 0.4928, 0.3754**, and if you desaturate by 10%, it is **45.6264, 0.4210, 0.3647**.

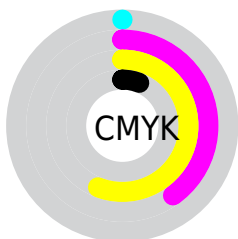
Distribution



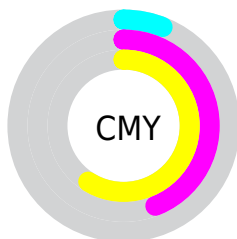
- Red (94%)
- Green (56%)
- Blue (41%)



- Red (94%)
- Yellow (63%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (56%)
- Black (6%)




- Cyan (6%)
- Magenta (44%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4917, 0.4555, 0.3712 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 39.4917, 0.4555, 0.3712 by changing the saturation by 10% instead.


 39.4917, 0.4555,
0.3712


 39.4917, 0.4555,
0.3712


343.9765, 0.3823,
0.3543


 27.1425, 0.4736,
0.3737


 74.3889, 0.4289,
0.3663

 17.6802, 0.4965,
0.3757


 97.7056, 0.4188,
0.3641

 10.7207, 0.5260,
0.3763


 125.4469, 0.4104,
0.3620

 5.8793, 0.5645,
0.3730

 157.9972, 0.4031,
0.3602

 2.7718, 0.6306,
0.3694

195.7410, 0.3969,
0.3585

 1.0138, 0.6768,
0.3232

239.0625, 0.3914,

 0.0000, 1.0000,

0.3570

0.0000

288.3462, 0.3866,
0.3556

■ 0.0000, 0.0000,
0.0000

■ 39.4917, 0.4555,
0.3712

■ 39.4917, 0.4555,
0.3712

■ 34.2821, 0.4928,
0.3754

■ 45.6264, 0.4210,
0.3647

■ 29.9444, 0.5306,
0.3761

■ 52.7234, 0.3904,
0.3571

■ 26.4289, 0.5652,
0.3724


■ 60.8254, 0.3640,
0.3490

■ 23.6772, 0.5929,
0.3641

■ 69.9704, 0.3417,
0.3411

■ 22.8213, 0.6016,
0.3605

■ 80.1946, 0.3229,
0.3335

 91.5322, 0.3071,
0.3264

 97.2662, 0.3035,
0.3290

Harmonies

Analogous

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



39.4917, 0.4315, 0.3178



39.4917, 0.4555, 0.3712



39.4917, 0.4358, 0.4223

Triad

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



39.4917, 0.4555, 0.3712



39.4917, 0.2503, 0.3994



39.4917, 0.2355, 0.2198

Complementary

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



39.4917, 0.4555, 0.3712



51.0783, 0.2312, 0.2782

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.



39.4917, 0.1985, 0.2272



39.4917, 0.4555, 0.3712



39.4917, 0.2052, 0.3235

Square

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



39.4917, 0.4555, 0.3712



39.4917, 0.3154, 0.4527



39.4917, 0.1880, 0.2615



39.4917, 0.2965, 0.2354

Rectangle

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



39.4917, 0.4555, 0.3712



39.4917, 0.4034, 0.4485



39.4917, 0.1880, 0.2615



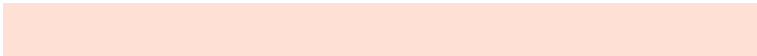
39.4917, 0.2203, 0.2195

Sweetspot

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



39.4937, 0.4555, 0.3712



79.3984, 0.3434, 0.3417



32.8856, 0.3588, 0.2286



16.5251, 0.3476, 0.3433



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.



39.4937, 0.4555, 0.3712



38.8128, 0.4965, 0.3757



66.0147, 0.4099, 0.4384



16.5024, 0.3286, 0.3359



12.6895, 0.5988, 0.3628



1.2202, 0.5730, 0.3832

Inverse Universe

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



51.0783, 0.2312, 0.2782



53.0895, 0.2193, 0.2663



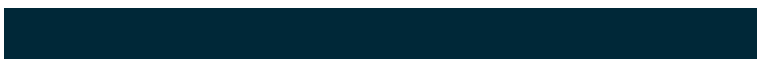
26.4192, 0.2114, 0.1854



17.1127, 0.2981, 0.3220



19.5626, 0.1978, 0.2322



1.7972, 0.2018, 0.2465

Previews

White Background



This preview shows how the Yxy color 39.4917, 0.4555, 0.3712 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 39.4917, 0.4555, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

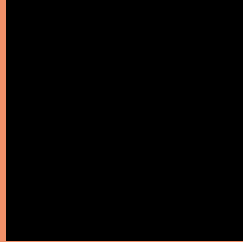
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4917, 0.4555, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 39.4917, 0.4555, 0.3712.



This preview shows how white text looks on a background with the Yxy color 39.4917, 0.4555, 0.3712.

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

39.4917, 0.4555, 0.3712

Protanopia

39.6810, 0.3740, 0.4031

Deuteranopia

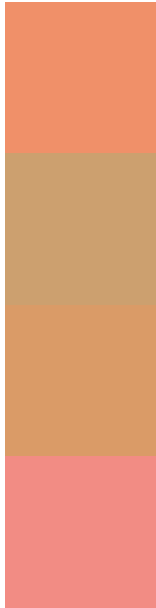
39.4282, 0.4123, 0.4031



Tritanopia

39.3698, 0.4156, 0.3183

Trichromacy



Original Color

39.4917, 0.4555, 0.3712

Protanomaly

39.1267, 0.4037, 0.3915

Deuteranomaly

39.3274, 0.4284, 0.3911

Tritanomaly

39.2994, 0.4316, 0.3381

Monochromacy



Original Color

39.4917, 0.4555, 0.3712

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3099, 0.3609, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4917, 0.4555, 0.3712 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(240, 144, 105)` looks like.

```
.text, #text, p{  
    color:rgb(240, 144, 105)  
}
```

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(240, 144, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 144, 105) }
```

Border

The CSS property to change the border of an element to Yxy 39.4917, 0.4555, 0.3712 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(240, 144, 105) }
```

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

```
.border{ border-color:rgb(240, 144, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 144, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 144, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 144, 105);  
box-shadow:4px 4px 4px 4px rgb(240, 144,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4917, 0.4555, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 144, 105) }
```

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

```
.background{ background-color: rgb(240,  
144, 105) }
```

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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