

Converting Colors

Yxy(37.2616, 0.4927, 0.3889)

Have a look what the booklet for
Yxy(37.2616, 0.4927, 0.3889)
contains.

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Color

Yxy(37.1710, 0.4922, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	F3884B
RGB	243, 136, 75
RGB Percent	95%, 53%, 29%
CMY	0.0471, 0.4666, 0.7059
CMYK	0.00, 0.44, 0.69, 0.05
HSL	22°, 87%, 62%
HSV	22°, 69%, 95%
XYZ	47.0323, 37.1710, 11.3520
YIQ	161.0390, 83.3530, 3.7130

Conversions

Conversions Part 2

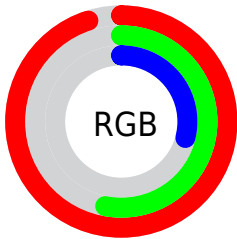
Format	Color
R _Y B	243, 171, 75
Decimal	15960139
CIE Lab	67.41, 35.97, 49.67
CIE LCh	67, 61.329, 54.087
Yxy	37.1710, 0.4922, 0.3890
Android (android.graphics.Color)	4294150219 (0xFFFF3884B)
YUV	161.0390, -42.4172, 71.8798
Hunter-Lab	60.9680, 31.0055, 31.6381

Details

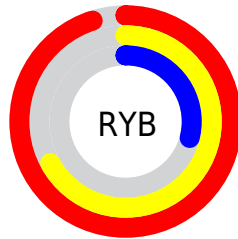
The Yxy color **37.1710, 0.4922, 0.3890** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **41.4079, 0.2130, 0.2463**, and the grayscale version is **35.8335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5933, 0.4202, 0.3949**, and **16.2346, 0.5397, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **32.8526, 0.5260, 0.3898**, and if you desaturate by 10%, it is **42.2495, 0.4579, 0.3841**.

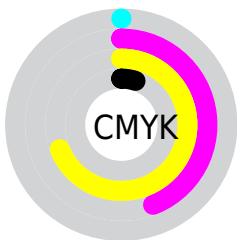
Distribution



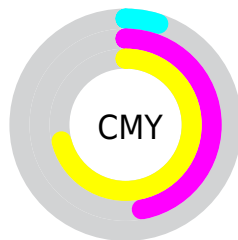
- Red (95%)
- Green (53%)
- Blue (29%)



- Red (95%)
- Yellow (67%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (69%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1710, 0.4922, 0.3890 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 37.1710, 0.4922, 0.3890 by changing the saturation by 10% instead.


 37.1710, 0.4922,
0.3890


 37.1710, 0.4922,
0.3890


334.0503, 0.4015,
0.3669


 25.3399, 0.5134,
0.3911


 70.8357, 0.4599,
0.3834


 16.3305, 0.5392,
0.3915


 93.4381, 0.4475,
0.3805


 9.7583, 0.5705,
0.3882


 120.3998, 0.4370,
0.3778

 5.2390, 0.6170,
0.3830

 152.1050, 0.4279,
0.3752

 2.3882, 0.6498,
0.3502

 188.9383, 0.4200,
0.3729

 0.8198, 0.7039,
0.2961

231.2840, 0.4130,

 0.0000, 1.0000,

0.3707

0.0000

279.5265, 0.4069,
0.3687

0.0000, 0.0000,
0.0000

37.1710, 0.4922,
0.3890

37.1710, 0.4922,
0.3890

32.8526, 0.5260,
0.3898

42.2495, 0.4579,
0.3841

29.2461, 0.5563,
0.3855

48.1203, 0.4253,
0.3764


26.3015, 0.5808,
0.3763

54.8206, 0.3957,
0.3670


26.0741, 0.5828,
0.3755

62.3833, 0.3697,
0.3570

70.8391, 0.3471,
0.3470

 80.2175, 0.3278,
0.3373

 90.5461, 0.3114,
0.3282

 97.7918, 0.3053,
0.3290

Harmonies

Analogous

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



37.1710, 0.4763, 0.3246



37.1710, 0.4922, 0.3890



37.1710, 0.4533, 0.4526

Triad

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



37.1710, 0.4922, 0.3890



37.1710, 0.2180, 0.4007



37.1710, 0.2288, 0.1967

Complementary

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



37.1710, 0.4922, 0.3890



41.4079, 0.2130, 0.2463

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.



37.1710, 0.1786, 0.1981



37.1710, 0.4922, 0.3890



37.1710, 0.1716, 0.2999

Square

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



37.1710, 0.4922, 0.3890



37.1710, 0.2943, 0.4837



37.1710, 0.1595, 0.2302



37.1710, 0.3094, 0.2208

Rectangle

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



37.1710, 0.4922, 0.3890



37.1710, 0.4070, 0.4863



37.1710, 0.1595, 0.2302



37.1710, 0.2085, 0.1942

Sweetspot

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



37.1730, 0.4922, 0.3890



77.1590, 0.3512, 0.3489



27.5525, 0.3885, 0.2223



15.9459, 0.3573, 0.3517



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.



37.1730, 0.4922, 0.3890



34.9250, 0.5389, 0.3887



69.5918, 0.4228, 0.4652



17.4679, 0.3285, 0.3377



14.5459, 0.5799, 0.3777



1.4667, 0.5562, 0.3966

Inverse Universe

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



41.4079, 0.2130, 0.2463



39.6303, 0.2000, 0.2264



17.1181, 0.1854, 0.1341



17.6864, 0.2980, 0.3202



16.6345, 0.1904, 0.2054



1.6569, 0.1952, 0.2226

Previews

White Background



This preview shows how the Yxy color 37.1710, 0.4922, 0.3890 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 37.1710, 0.4922, 0.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

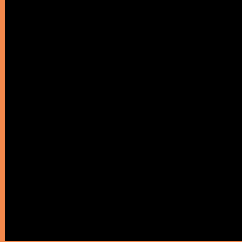
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1710, 0.4922, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 37.1710, 0.4922, 0.3890.



This preview shows how white text looks on a background with the Yxy color 37.1710, 0.4922, 0.3890.

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

37.1710, 0.4922, 0.3890

Protanopia

37.4954, 0.4010, 0.4377

Deuteranopia

37.3935, 0.4402, 0.4325



Tritanopia

37.3096, 0.4354, 0.3198

Trichromacy



Original Color

37.1710, 0.4922, 0.3890

Protanomaly

36.5427, 0.4345, 0.4185

Deuteranomaly

36.8682, 0.4598, 0.4152

Tritanomaly

37.3332, 0.4590, 0.3473

Monochromacy



Original Color

37.1710, 0.4922, 0.3890

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1445, 0.3755, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1710, 0.4922, 0.3890 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(243, 136, 75)` looks like.

```
.text, #text, p{  
    color:rgb(243, 136, 75)  
}
```

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(243, 136, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 136, 75) }
```

Border

The CSS property to change the border of an element to Yxy 37.1710, 0.4922, 0.3890 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(243, 136, 75) }
```

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

```
.border{ border-color:rgb(243, 136, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 136, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 136, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 136, 75);  
box-shadow:4px 4px 4px 4px rgb(243, 136,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1710, 0.4922, 0.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 136, 75) }
```

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

```
.background{ background-color: rgb(243,  
136, 75) }
```

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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