

Converting Colors

Yxy(52.3186, 0.5267, 0.3618)

Have a look what the booklet for
Yxy(52.3186, 0.5267, 0.3618)
contains.

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Color

Yxy(39.9240, 0.4865, 0.3727)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF895C |
| RGB | 255, 137, 92 |
| RGB Percent | 100%, 54%, 36% |
| CMY | 0.0000, 0.4627, 0.6392 |
| CMYK | 0.00, 0.46, 0.64, 0.00 |
| HSL | 17°, 100%, 68% |
| HSV | 17°, 64%, 100% |
| XYZ | 52.1144, 39.9240, 15.0826 |
| YIQ | 167.1520, 84.7730, 11.0210 |

Conversions

Conversions Part 2

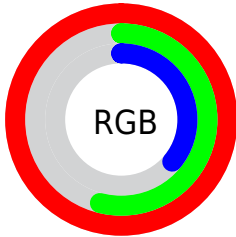
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 255, 154, 92 |
| Decimal | 16746844 |
| CIELab | 69.42, 41.07, 43.78 |
| CIELCh | 69, 60.031, 46.833 |
| Yxy | 39.9240, 0.4865, 0.3727 |
| Android (android.graphics.Color) | 4294936924 (0xFFFF895C) |
| YUV | 167.1520, -37.0499, 77.0427 |
| Hunter-Lab | 63.1854, 36.6495, 30.0770 |

Details

The Yxy color **39.9240, 0.4865, 0.3727** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **55.5714, 0.2230, 0.2724**, and the grayscale version is **38.8764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9424, 0.4058, 0.3802**, and **18.0163, 0.5329, 0.3736** is the 20% darker color. If you saturate the color by 10%, you get **34.7461, 0.5251, 0.3741**, and if you desaturate by 10%, it is **46.1536, 0.4489, 0.3682**.

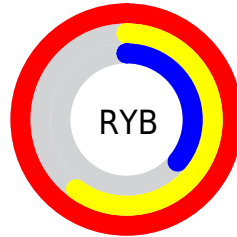
Distribution



Red (100%)

Green (54%)

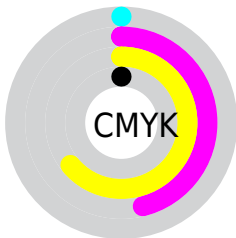
Blue (36%)



Red (100%)

Yellow (60%)

Blue (36%)

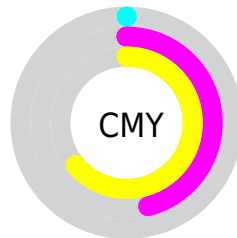


Cyan (0%)

Magenta (46%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9240, 0.4865, 0.3727 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 39.9240, 0.4865, 0.3727 by changing the saturation by 10% instead.


 39.9240, 0.4865,
0.3727


 39.9240, 0.4865,
0.3727


345.8031, 0.3985,
0.3578

 27.4793, 0.5076,
0.3737


 75.0478, 0.4549,
0.3692

 17.9335, 0.5336,
0.3733


 98.4956, 0.4429,
0.3673

 10.9023, 0.5660,
0.3700


 126.3800, 0.4327,
0.3655

 6.0011, 0.6089,
0.3618

 159.0852, 0.4239,
0.3637

 2.8458, 0.6602,
0.3398

196.9958, 0.4163,
0.3621

 1.0518, 0.7118,
0.2882

240.4960, 0.4096,

 0.0000, 1.0000,

0.3605

0.0000

289.9703, 0.4038,
0.3591

■ 0.0000, 0.0000,
0.0000

■ 39.9240, 0.4865,
0.3727

■ 39.9240, 0.4865,
0.3727

■ 34.7461, 0.5251,
0.3741

■ 46.1536, 0.4489,
0.3682

■ 30.5522, 0.5613,
0.3712

■ 53.4846, 0.4146,
0.3617


■ 27.2755, 0.5910,
0.3637

■ 61.9708, 0.3846,
0.3542

■ 25.6925, 0.6051,
0.3578

■ 71.6606, 0.3589,
0.3465

■ 82.5995, 0.3372,
0.3389

 94.8306, 0.3190,
0.3317

99.9980, 0.3127,
0.3290

Harmonies

Analogous

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



39.9240, 0.4567, 0.3110



39.9240, 0.4865, 0.3727



39.9240, 0.4612, 0.4349

Triad

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



39.9240, 0.4865, 0.3727



39.9240, 0.2379, 0.4204



39.9240, 0.2176, 0.1993

Complementary

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



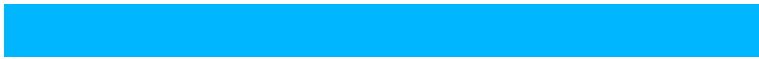
39.9240, 0.4865, 0.3727



55.5714, 0.2230, 0.2724

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.



39.9240, 0.1762, 0.2076



39.9240, 0.4865, 0.3727



39.9240, 0.1847, 0.3233

Square

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



39.9240, 0.4865, 0.3727



39.9240, 0.3158, 0.4858



39.9240, 0.1648, 0.2473



39.9240, 0.2889, 0.2170

Rectangle

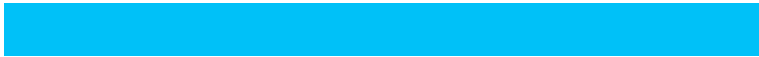
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.9240, 0.4865, 0.3727



39.9240, 0.4216, 0.4704



39.9240, 0.1648, 0.2473



39.9240, 0.2004, 0.1990

Sweetspot

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



39.9261, 0.4865, 0.3727



76.8940, 0.3477, 0.3427



33.6405, 0.3647, 0.2157



15.8005, 0.3541, 0.3449



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.



39.9261, 0.4865, 0.3727



33.3567, 0.5367, 0.3736



71.6340, 0.4249, 0.4478



18.8035, 0.3287, 0.3356



13.6392, 0.6022, 0.3600



1.5017, 0.5802, 0.3775

Inverse Universe

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



55.5714, 0.2230, 0.2724



49.8031, 0.2112, 0.2587



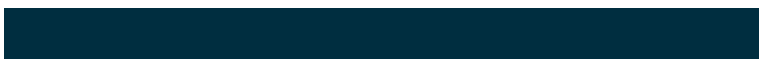
25.4663, 0.1979, 0.1656



19.5831, 0.2980, 0.3223



22.0715, 0.1990, 0.2364



2.3324, 0.2023, 0.2482

Previews

White Background



This preview shows how the Yxy color 39.9240, 0.4865, 0.3727 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 39.9240, 0.4865, 0.3727 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 39.9240, 0.4865, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 39.9240, 0.4865, 0.3727.



This preview shows how white text looks on a background with the Yxy color 39.9240, 0.4865, 0.3727.

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

39.9240, 0.4865, 0.3727

Protanopia

40.1880, 0.3859, 0.4177

Deuteranopia

40.0841, 0.4281, 0.4192



Tritanopia

39.9881, 0.4363, 0.3201

Trichromacy



Original Color

39.9240, 0.4865, 0.3727

Protanomaly

39.2227, 0.4221, 0.4000

Deuteranomaly

39.6725, 0.4501, 0.4008

Tritanomaly

39.7654, 0.4561, 0.3396

Monochromacy



Original Color

39.9240, 0.4865, 0.3727

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8125, 0.3721, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9240, 0.4865, 0.3727 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, 137, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 92)  
}
```

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, 137, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 92) }
```

Border

The CSS property to change the border of an element to Yxy 39.9240, 0.4865, 0.3727 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, 137, 92) }
```

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

```
.border{ border-color:rgb(255, 137, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9240, 0.4865, 0.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 92) }
```

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

```
.background{ background-color: rgb(255,  
137, 92) }
```

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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