

Converting Colors

$Y_{xy}(34.0932, 0.5124, 0.3753)$

Have a look what the booklet for
Yxy(34.0932, 0.5124, 0.3753)
contains.

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Color

Yxy(33.9168, 0.5122, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	F77948
RGB	247, 121, 72
RGB Percent	97%, 47%, 28%
CMY	0.0314, 0.5254, 0.7176
CMYK	0.00, 0.51, 0.71, 0.03
HSL	17°, 92%, 63%
HSV	17°, 71%, 97%
XYZ	46.3629, 33.9168, 10.2375
YIQ	153.0880, 90.8250, 11.4730

Conversions

Conversions Part 2

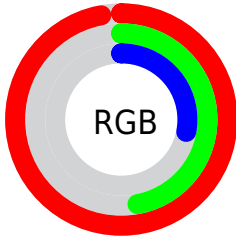
Format	Color
R_{YB}	247, 140, 72
Decimal	16218440
CIE _{Lab}	64.90, 44.90, 48.53
CIE _{LCh}	65, 66.118, 47.226
Yxy	33.9168, 0.5122, 0.3747
Android (android.graphics.Color)	4294408520 (0xFFFF77948)
YUV	153.0880, -39.9764, 82.3608
Hunter-Lab	58.2381, 40.1857, 30.3443

Details

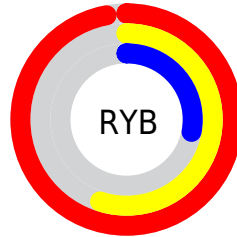
The Yxy color **33.9168, 0.5122, 0.3747** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **48.4808, 0.2162, 0.2644**, and the grayscale version is **32.0462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7158, 0.4318, 0.3848**, and **14.3865, 0.5667, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **29.7267, 0.5494, 0.3733**, and if you desaturate by 10%, it is **39.0368, 0.4738, 0.3721**.

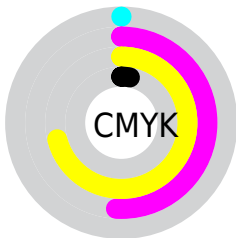
Distribution



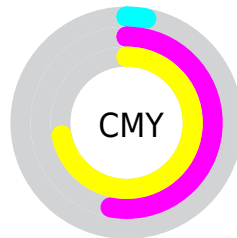
- Red (97%)
- Green (47%)
- Blue (28%)



- Red (97%)
- Yellow (55%)
- Blue (28%)



- Cyan (0%)
- Magenta (51%)
- Yellow (71%)
- Black (3%)




- Cyan (3%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.9168, 0.5122, 0.3747 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 33.9168, 0.5122, 0.3747 by changing the saturation by 10% instead.


 33.9168, 0.5122,
0.3747


 33.9168, 0.5122,
0.3747


319.7609, 0.4098,
0.3611


 22.8297, 0.5365,
0.3742


 65.8043, 0.4754,
0.3725

 14.4678, 0.5662,
0.3710

 87.3734, 0.4614,
0.3708


 8.4467, 0.6025,
0.3626

 113.2054, 0.4495,
0.3691

 4.3821, 0.6525,
0.3475

 143.6845, 0.4393,
0.3673

 1.8895, 0.6944,
0.3056

 179.1952, 0.4304,
0.3656

 0.5421, 0.7752,
0.2248

220.1219, 0.4227,

 0.0000, 1.0000,

0.3640

0.0000

266.8490, 0.4159,
0.3625

■ 0.0000, 0.0000,
0.0000

■ 33.9168, 0.5122,
0.3747

■ 33.9168, 0.5122,
0.3747

■ 29.7267, 0.5494,
0.3733

■ 39.0368, 0.4738,
0.3721

■ 26.4004, 0.5814,
0.3673

■ 45.1353, 0.4374,
0.3668

■ 24.0480, 0.6039,
0.3587


■ 52.2641, 0.4045,
0.3598

■ 60.4694, 0.3760,
0.3521

■ 69.7945, 0.3516,
0.3443

 80.2802, 0.3312,
0.3367

 91.9652, 0.3140,
0.3296

 98.5123, 0.3078,
0.3290

Harmonies

Analogous

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



33.9168, 0.4807, 0.3070



33.9168, 0.5122, 0.3747



33.9168, 0.4790, 0.4456

Triad

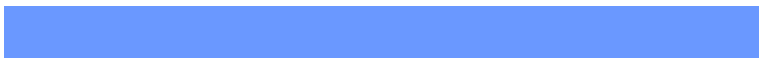
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.9168, 0.5122, 0.3747



33.9168, 0.2242, 0.4356



33.9168, 0.2051, 0.1832

Complementary

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



33.9168, 0.5122, 0.3747



48.4808, 0.2162, 0.2644

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.



33.9168, 0.1595, 0.1908



33.9168, 0.5122, 0.3747



33.9168, 0.1664, 0.3188

Square

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



33.9168, 0.5122, 0.3747



33.9168, 0.3116, 0.5139



33.9168, 0.1463, 0.2328



33.9168, 0.2856, 0.2032

Rectangle

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



33.9168, 0.5122, 0.3747



33.9168, 0.4321, 0.4888



33.9168, 0.1463, 0.2328



33.9168, 0.1861, 0.1825

Sweetspot

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



33.9186, 0.5122, 0.3747



74.8379, 0.3521, 0.3444



28.5956, 0.3722, 0.2081



15.3999, 0.3584, 0.3466



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.



33.9186, 0.5122, 0.3747



30.3140, 0.5640, 0.3713



64.4622, 0.4358, 0.4558



17.2378, 0.3287, 0.3357



12.9249, 0.6010, 0.3610



1.3024, 0.5766, 0.3803

Inverse Universe

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



48.4808, 0.2162, 0.2644



46.3582, 0.2053, 0.2491



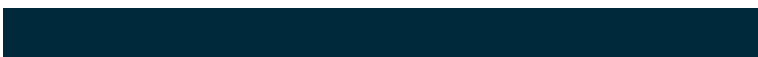
19.8698, 0.1868, 0.1464



17.9275, 0.2980, 0.3222



20.6093, 0.1987, 0.2352



1.9843, 0.2023, 0.2484

Previews

White Background



This preview shows how the Yxy color 33.9168, 0.5122, 0.3747 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 33.9168, 0.5122, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

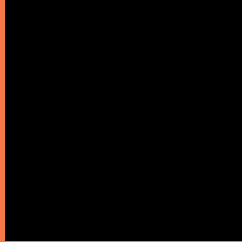
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9168, 0.5122, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 33.9168, 0.5122, 0.3747.



This preview shows how white text looks on a background with the Yxy color 33.9168, 0.5122, 0.3747.

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

33.9168, 0.5122, 0.3747

Protanopia

34.0925, 0.3975, 0.4332

Deuteranopia

33.9301, 0.4423, 0.4334



Tritanopia

34.0155, 0.4641, 0.3213

Trichromacy



Original Color

33.9168, 0.5122, 0.3747

Protanomaly

33.2475, 0.4401, 0.4103

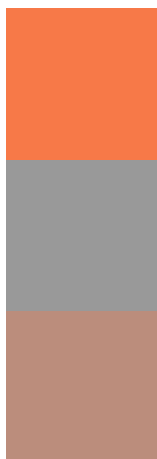
Deuteranomaly

33.3297, 0.4699, 0.4089

Tritanomaly

33.8618, 0.4846, 0.3424

Monochromacy



Original Color

33.9168, 0.5122, 0.3747

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.0698, 0.3824, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9168, 0.5122, 0.3747 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(247, 121, 72)` looks like.

```
.text, #text, p{  
    color:rgb(247, 121, 72)  
}
```

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(247, 121, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 121, 72) }
```

Border

The CSS property to change the border of an element to Yxy 33.9168, 0.5122, 0.3747 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(247, 121, 72) }
```

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

```
.border{ border-color:rgb(247, 121, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 121, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 121, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 121, 72);  
box-shadow:4px 4px 4px 4px rgb(247, 121,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9168, 0.5122, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 121, 72) }
```

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

```
.background{ background-color: rgb(247,  
121, 72) }
```

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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