

Converting Colors

YUV(119.0400, -33.5437,
119.2369)

Have a look what the booklet for
YUV(119.0400, -33.5437, 119.2369)
contains.

YUV(119.0400, -33.5437, 119.2369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.0400, -33.5437,
119.2369)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3F33
RGB	255, 63, 51
RGB Percent	100%, 25%, 20%
CMY	0.0000, 0.7529, 0.8000
CMYK	0.00, 0.75, 0.80, 0.00
HSL	4°, 100%, 60%
HSV	4°, 80%, 100%
XYZ	43.6150, 25.0540, 5.6691
YIQ	119.0400, 118.2840, 36.9720

Conversions

Conversions Part 2

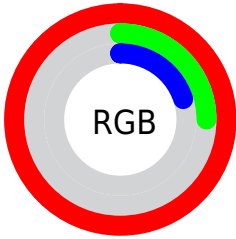
Format	Color
RYB	255, 64, 51
Decimal	16727859
CIELab	57.13, 70.45, 51.40
CIELCh	57, 87.209, 36.114
Yxy	25.0540, 0.5867, 0.3370
Android (android.graphics.Color)	4294917939 (0xFFFF3F33)
YUV	119.0400, -33.5437, 119.2369
Hunter-Lab	50.0540, 67.9432, 28.3226

Details

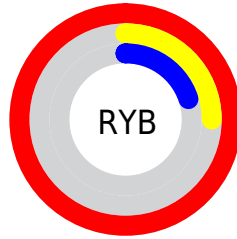
The YUV color **119.0400, -33.5437, 119.2369** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **186.9600, 33.5437, -119.2369**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9060, -30.5197, 82.5204**, and **56.9670, -26.1127, 115.7929** is the 20% darker color. If you saturate the color by 10%, you get **101.9880, -37.9551, 134.1915**, and if you desaturate by 10%, it is **136.0920, -29.1324, 104.2823**.

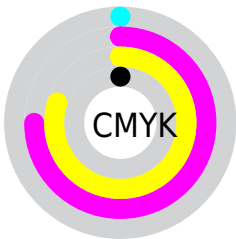
Distribution



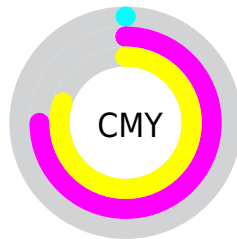
- Red (100%)
- Green (25%)
- Blue (20%)



- Red (100%)
- Yellow (25%)
- Blue (20%)



- Cyan (0%)
- Magenta (75%)
- Yellow (80%)
- Black (0%)




- Cyan (0%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.0400, -33.5437, 119.2369 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 YUV color 119.0400, -33.5437, 119.2369 by changing the saturation by 10% instead.


 119.0400,
-33.5437, 119.2369


 119.0400,
-33.5437, 119.2369


255.0000, 0.0000,
0.0000

 81.8970, -26.5712,
122.8703


 160.9060,
-30.5197, 82.5204


 56.9670, -26.1127,
115.7929


 180.8930,
-27.5552, 64.9918


 46.9430, -23.1429,
96.5200


 200.8800,
-24.5908, 47.4632

 37.0760, -18.2785,
76.2323

 221.5680,
-21.4790, 29.3199

 28.0350, -12.8353,
56.9743

 242.3700,
-17.9304, 11.0765

 19.4780, -8.1237,
39.0458

 252.7200, -8.7360,

 8.4860, -3.6906,

1.9996

17.1138

■ 0.0000, 0.0000,
0.0000

■ 119.0400,
-33.5437, 119.2369

■ 119.0400,
-33.5437, 119.2369

■ 101.9880,
-37.9551, 134.1915

■ 136.0920,
-29.1324, 104.2823

■ 85.0500, -41.9296,
149.0462

■ 153.0300,
-25.1578, 89.4277

■ 170.0820,
-20.7464, 74.4731

■ 187.0200,
-16.7719, 59.6185

■ 204.0720,
-12.3605, 44.6639

■ 221.0100, -8.3859,
29.8092

■ 238.0620, -3.9746,
14.8546

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



91.6690, 16.4322, 143.2413



119.0400, -33.5437, 119.2369



127.9690, -63.0887, 75.4492

Triad

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



119.0400, -33.5437, 119.2369



104.8350, -17.1737, -91.9403



113.0110, 70.0006, -99.1106

Complementary

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



119.0400, -33.5437, 119.2369



186.9600, 33.5437, -119.2369

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.



123.5770, 64.7915, -108.3770



119.0400, -33.5437, 119.2369



116.4170, 17.0494, -102.0977

Square

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



119.0400, -33.5437, 119.2369



112.1920, -55.3107, -39.6334



124.3800, 50.0987, -109.0813



137.9140, 57.7234, 12.3534

Rectangle

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



119.0400, -33.5437, 119.2369



129.2220, -63.7064, 40.1473



124.3800, 50.0987, -109.0813



117.1200, 67.9748, -102.7142

Sweetspot

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



119.0400, -33.5437, 119.2369



214.0000, -9.8600, 35.9570



134.1120, 54.6678, 106.0188



103.2370, -6.0328, 21.7172



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



119.0400, -33.5437, 119.2369



92.0600, -40.4556, 142.8984



177.7400, -62.4828, 67.7570



119.4740, -2.2057, 7.4773



63.5660, -31.3380, 111.7596



21.4840, -10.5916, 37.2865

Inverse Universe

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



186.9600, 33.5437, -119.2369



173.5270, 40.1662, -143.4132



128.2600, 62.4828, -67.7570



123.5260, 2.2057, -7.4773



127.4340, 31.3380, -111.7596



42.5160, 10.5916, -37.2865

Previews

White Background



This preview shows how the YUV color 119.0400, -33.5437, 119.2369 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 119.0400, -33.5437, 119.2369 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 × Fail

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

YUV 119.0400, -33.5437, 119.2369 Background



This preview shows how black text looks on a background with the YUV color 119.0400, -33.5437, 119.2369.



This preview shows how white text looks on a background with the YUV color 119.0400, -33.5437, 119.2369.

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

119.0400, -33.5437, 119.2369

Protanopia

134.6620, -30.8924, 15.2054

Deuteranopia

131.9130, -48.2711, 36.0333



Tritanopia

119.8210, -28.0128, 118.5520

Trichromacy



Original Color

119.0400, -33.5437, 119.2369

Protanomaly

128.9640, -32.0273, 52.6516

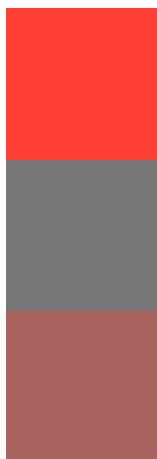
Deuteranomaly

127.4790, -43.1271, 66.2319

Tritanomaly

119.3650, -29.7599, 118.9519

Monochromacy



Original Color

119.0400, -33.5437, 119.2369

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0610, -12.3551, 42.9195

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0400, -33.5437, 119.2369 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, 63, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 51)  
}
```

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, 63, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 51) }
```

Border

The CSS property to change the border of an element to YUV 119.0400, -33.5437, 119.2369 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, 63, 51) }
```


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

```
.border{ border-color:rgb(255, 63, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 63, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 63, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 63, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 63,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 119.0400, -33.5437, 119.2369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 63, 51) }
```

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

```
.background{ background-color: rgb(255, 63,  
51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor