

Converting Colors

YUV(115.3390, -37.1421,
106.6967)

Have a look what the booklet for
YUV(115.3390, -37.1421, 106.6967)
contains.

YUV(115.3390, -37.1421, 106.6967)	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(115.3390, -37.1421,
106.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	ED4428
RGB	237, 68, 40
RGB Percent	93%, 27%, 16%
CMY	0.0706, 0.7333, 0.8431
CMYK	0.00, 0.71, 0.83, 0.07
HSL	9°, 85%, 54%
HSV	9°, 83%, 93%
XYZ	37.3752, 22.2920, 4.3404
YIQ	115.3390, 109.7120, 27.1200

Conversions

Conversions Part 2

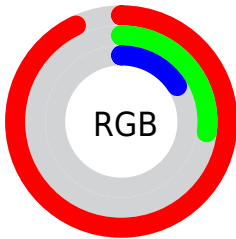
Format	Color
R_{YB}	237, 73, 40
Decimal	15549480
CIE _{Lab}	54.34, 63.14, 52.95
CIE _{LCh}	54, 82.404, 39.981
Yxy	22.2920, 0.5839, 0.3483
Android (android.graphics.Color)	4293739560 (0xFFED4428)
YUV	115.3390, -37.1421, 106.6967
Hunter-Lab	47.2144, 58.6765, 27.5996

Details

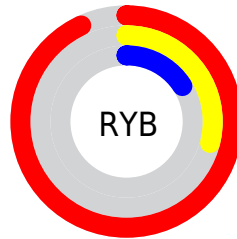
The YUV color **115.3390, -37.1421, 106.6967** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **161.6610, 37.1421, -106.6967**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3530, -35.1770, 83.0054**, and **51.4280, -25.3540, 105.7416** is the 20% darker color. If you saturate the color by 10%, you get **100.8630, -41.8375, 119.3921**, and if you desaturate by 10%, it is **129.8150, -32.4468, 94.0012**.

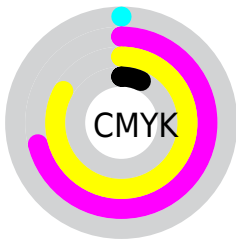
Distribution



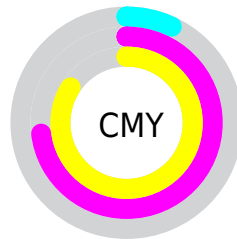
- Red (93%)
- Green (27%)
- Blue (16%)



- Red (93%)
- Yellow (29%)
- Blue (16%)



- Cyan (0%)
- Magenta (71%)
- Yellow (83%)
- Black (7%)





- Cyan (7%)
- Magenta (73%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.3390, -37.1421, 106.6967 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 115.3390, -37.1421, 106.6967 by changing the saturation by 10% instead.


 115.3390,
-37.1421, 106.6967

 115.3390,
-37.1421, 106.6967


255.0000, 0.0000,
0.0000


 82.6640, -33.3584,
106.4117


 160.3530,
-35.1770, 83.0054


 51.4280, -25.3540,
105.7416


 180.2260,
-32.6494, 65.5768


 41.8600, -20.6370,
86.0688


 200.2130,
-29.6850, 48.0482

 32.5910, -16.0674,
67.0107

 220.3140,
-26.2838, 30.4196

 23.5500, -10.6242,
47.7527

 240.5290,
-22.4458, 12.6911

 14.8790, -6.3493,
29.9241

 251.3520,

 0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.6580, -1.3104,
0.2999

■ 115.3390,
-37.1421, 106.6967

■ 115.3390,
-37.1421, 106.6967

■ 100.8630,
-41.8375, 119.3921

■ 129.8150,
-32.4468, 94.0012


■ 90.8210, -44.7748,
128.1990


■ 144.7640,
-28.4777, 80.8910

■ 159.2400,
-23.7823, 68.1955


■ 173.7160,
-19.0870, 55.5001

■ 188.6650,
-15.1178, 42.3898

 203.1410,
-10.4225, 29.6943

 217.6170, -5.7272,
16.9989

 232.6800, -1.3212,
3.7886

 247.0420, 2.9373,
-8.8068

Harmonies

Analogous

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



99.6280, 5.1134, 133.6302



115.3390, -37.1421, 106.6967



121.7010, -59.9986, 64.2832

Triad

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



115.3390, -37.1421, 106.6967



101.0510, -11.3641, -88.6217



106.5540, 73.1839, -93.4479

Complementary

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



115.3390, -37.1421, 106.6967



161.6610, 37.1421, -106.6967

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.



117.7070, 67.6854, -103.2290



115.3390, -37.1421, 106.6967



111.3620, 20.5275, -97.6645

Square

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



115.3390, -37.1421, 106.6967



102.4020, -50.4842, -47.7106



118.5270, 50.5192, -103.9482



132.5410, 53.4703, 23.2045

Rectangle

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



115.3390, -37.1421, 106.6967



121.7910, -60.0430, 31.7553



118.5270, 50.5192, -103.9482



111.2500, 70.8688, -97.5662

Sweetspot

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



115.3390, -37.1421, 106.6967



215.4190, -12.0386, 34.7125



118.3970, 45.6533, 104.0148



104.1830, -7.4852, 20.8875



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.



115.3390, -37.1421, 106.6967



97.3770, -48.0069, 138.2354



172.2780, -65.2131, 56.7612



109.8760, -1.9109, 6.2477



69.3810, -34.2048, 97.8899



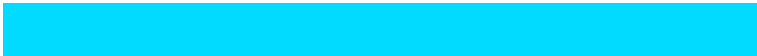
20.8420, -10.2751, 29.0796

Inverse Universe

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



161.6610, 37.1421, -106.6967



157.6230, 48.0069, -138.2354



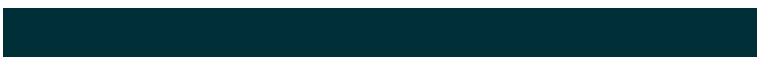
104.7220, 65.2131, -56.7612



113.1240, 1.9109, -6.2477



111.6190, 34.2048, -97.8899



33.1580, 10.2751, -29.0796

Previews

White Background



This preview shows how the YUV color 115.3390, -37.1421, 106.6967 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 115.3390, -37.1421, 106.6967 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 115.3390, -37.1421, 106.6967 Background



This preview shows how black text looks on a background with the YUV color 115.3390, -37.1421, 106.6967.



This preview shows how white text looks on a background with the YUV color 115.3390, -37.1421, 106.6967.

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

115.3390, -37.1421, 106.6967

Protanopia

126.6360, -34.8235, 16.1052

Deuteranopia

124.4030, -51.4707, 35.6036



Tritanopia

116.9550, -24.6278, 106.1565

Trichromacy



Original Color

115.3390, -37.1421, 106.6967

Protanomaly

122.3180, -35.6528, 48.8331

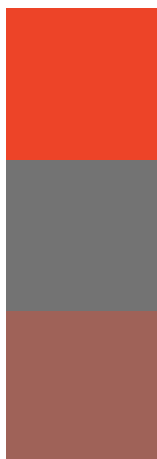
Deuteranomaly

121.2350, -46.4579, 61.1839

Tritanomaly

116.4020, -29.2852, 106.6414

Monochromacy



Original Color

115.3390, -37.1421, 106.6967

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0990, -13.3598, 38.5012

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.3390, -37.1421, 106.6967 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(237, 68, 40)` looks like.

```
.text, #text, p{  
    color:rgb(237, 68, 40)  
}
```

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(237, 68, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 68, 40) }
```

Border

The CSS property to change the border of an element to YUV 115.3390, -37.1421, 106.6967 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(237, 68, 40) }
```


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

```
.border{ border-color:rgb(237, 68, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 68, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 68, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 68, 40);  
box-shadow:4px 4px 4px 4px rgb(237, 68,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 115.3390, -37.1421, 106.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 68, 40) }
```

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

```
.background{ background-color: rgb(237, 68,  
40) }
```

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