

Converting Colors

YUV(97.3770, -48.0069,
138.2354)

Have a look what the booklet for
YUV(97.3770, -48.0069, 138.2354)
contains.

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Color

**YUV(97.3770, -48.0069,
138.2354)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2400
RGB	255, 36, 0
RGB Percent	100%, 14%, 0%
CMY	0.0000, 0.8588, 1.0000
CMYK	0.00, 0.86, 1.00, 0.00
HSL	8°, 100%, 50%
HSV	8°, 100%, 100%
XYZ	41.8709, 22.5218, 2.1403
YIQ	97.3770, 142.0800, 35.2320

Conversions

Conversions Part 2

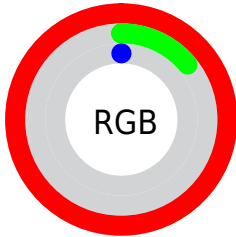
Format	Color
RYB	255, 42, 0
Decimal	16720896
CIELab	54.58, 76.24, 67.71
CIElCh	55, 101.964, 41.608
Yxy	22.5218, 0.6293, 0.3385
Android (android.graphics.Color)	4294910976 (0xFFFF2400)
YUV	97.3770, -48.0069, 138.2354
Hunter-Lab	47.4571, 74.4387, 30.5460

Details

The YUV color **97.3770, -48.0069, 138.2354** is a dark color, and the websafe version is hex **FF3300**, and the color name is [scarlet](#). The color can be described as dark saturated red. A complement of this color would be **157.6230, 48.0069, -138.2354**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8940, -42.3457, 95.6860**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **97.3770, -48.0069, 138.2354**, and if you desaturate by 10%, it is **113.1410, -43.4535, 124.4103**.

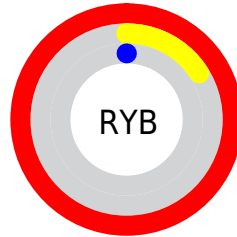
Distribution



Red (100%)

Green (14%)

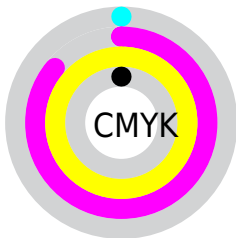
Blue (0%)



Red (100%)

Yellow (16%)

Blue (0%)

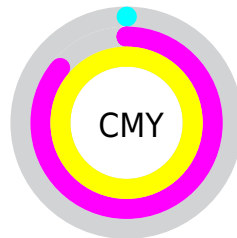


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (86%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.3770, -48.0069, 138.2354 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 97.3770, -48.0069, 138.2354 by changing the saturation by 10% instead.


 97.3770, -48.0069,
138.2354

 97.3770, -48.0069,
138.2354


 254.5440, -1.7472,
0.3999


 66.0790, -32.5769,
135.8657


 145.8940,
-42.3457, 95.6860


 56.2120, -27.7125,
115.5781


 167.0550,
-39.9601, 77.1278


 46.0460, -22.7007,
94.6757


 187.6290,
-37.2851, 59.0844

 36.4780, -17.9837,
75.0028

 208.3170,
-34.1733, 40.9410

 27.2520, -11.9562,
55.0300

 229.0050,
-31.0615, 22.7976


 18.2820, -7.5340,
36.5867

 248.0460,


 6.2790, -3.0955,


-26.6447, 6.0987


12.9103

 251.2380,
-14.4143, 3.2993


 0.0000, 0.0000,
0.0000


 97.3770, -48.0069,
138.2354

 113.1410,
-43.4535, 124.4103

 129.0190,
-38.4634, 110.4853

 144.8970,
-33.4732, 96.5603

 160.6610,
-28.9199, 82.7353

 176.5390,
-23.9297, 68.8103

■ 191.7160,
-19.0870, 55.5001

■ 207.5940,
-14.0968, 41.5751

■ 223.3580, -9.5435,
27.7500

■ 239.2360, -4.5533,
13.8250

Harmonies

Analogous

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



87.7590, 6.5278, 146.6704



97.3770, -48.0069, 138.2354



122.0330, -60.1623, 70.1311

Triad

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



97.3770, -48.0069, 138.2354



103.0740, -16.3055, -90.3959



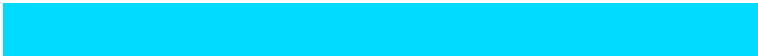
106.5540, 73.1839, -93.4479

Complementary

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



97.3770, -48.0069, 138.2354



157.6230, 48.0069, -138.2354

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.



120.6420, 66.2385, -105.8030



97.3770, -48.0069, 138.2354



115.5510, 23.8854, -101.3382

Square

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



97.3770, -48.0069, 138.2354



90.9850, -44.8556, -79.7938



124.5400, 60.8658, -109.2216



128.3220, 62.4523, 35.6746

Rectangle

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



97.3770, -48.0069, 138.2354



122.0680, -60.1795, 28.8814



124.5400, 60.8658, -109.2216



112.4240, 70.2900, -98.5958

Sweetspot

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



97.3770, -48.0069, 138.2354



207.5940, -14.0968, 41.5751



101.4390, 58.9436, 134.6730



99.2760, -8.5171, 25.1909



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.



97.3770, -48.0069, 138.2354



171.3390, -84.4701, 73.3707



120.0610, -2.4951, 6.9625



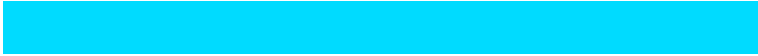
72.9580, -35.9683, 103.5228



24.4190, -12.0386, 34.7125

Inverse Universe

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



157.6230, 48.0069, -138.2354



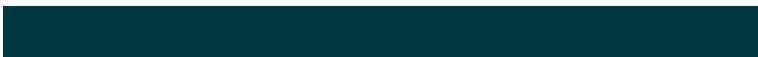
84.2480, 84.1807, -73.8855



122.9390, 2.4951, -6.9625



118.0420, 35.9683, -103.5228



39.5810, 12.0386, -34.7125

Previews

White Background



This preview shows how the YUV color 97.3770, -48.0069, 138.2354 looks on a white background.

Color Contrast Check

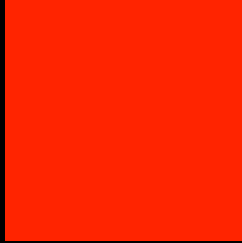
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.3770, -48.0069, 138.2354 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 97.3770, -48.0069, 138.2354

Background



This preview shows how black text looks on a background with the YUV color 97.3770, -48.0069, 138.2354.

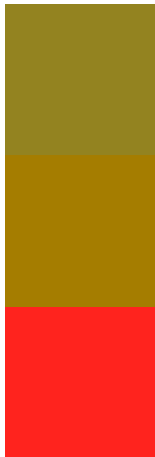


This preview shows how white text looks on a background with the YUV color 97.3770, -48.0069,

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



Protanopia

124.4980, -45.6015, 19.7343

Deuteranopia

122.7100, -60.4960, 37.0883

Tritanopia

100.2100, -34.6135, 135.7508

Trichromacy



Protanomaly

114.2460, -46.4633, 62.9283

Deuteranomaly

113.7930, -56.0999, 73.8495

Tritanomaly

98.9560, -39.4183, 136.8506

Monochromacy



Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1390, -17.3235, 49.8671

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3770, -48.0069, 138.2354 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, 36, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 36, 0)  
}
```

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, 36, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 36, 0) }
```

Border

The CSS property to change the border of an element to YUV 97.3770, -48.0069, 138.2354 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, 36, 0) }
```

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

```
.border{ border-color:rgb(255, 36, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 36, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 36, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 36, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 36, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 97.3770, -48.0069, 138.2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 36, 0) }
```

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

```
.background{ background-color: rgb(255, 36,  
0) }
```

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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