

Converting Colors

YUV(150.7380, -49.1708,
91.4378)

Have a look what the booklet for
YUV(150.7380, -49.1708, 91.4378)
contains.

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Color

**YUV(150.7380, -49.1708,
91.4378)**

Conversions

Conversions Part 1	
Format	Color
Hex	FF7533
RGB	255, 117, 51
RGB Percent	100%, 46%, 20%
CMY	0.0000, 0.5412, 0.8000
CMYK	0.00, 0.54, 0.80, 0.00
HSL	19°, 100%, 60%
HSV	19°, 80%, 100%
XYZ	48.1988, 34.2216, 7.1970
YIQ	150.7380, 103.4340, 8.7300

Conversions

Conversions Part 2

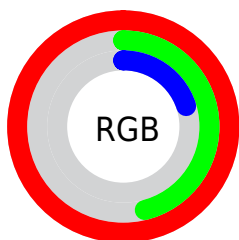
Format	Color
RYB	255, 149, 51
Decimal	16741683
CIELab	65.14, 48.99, 59.03
CIELCh	65, 76.708, 50.310
Yxy	34.2216, 0.5378, 0.3819
Android (android.graphics.Color)	4294931763 (0xFFFF7533)
YUV	150.7380, -49.1708, 91.4378
Hunter-Lab	58.4992, 44.6965, 33.6551

Details

The YUV color **150.7380, -49.1708, 91.4378** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **155.2620, 49.1708, -91.4378**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.8370, -42.8106, 58.0250**, and **94.0900, -46.3864, 84.9901** is the 20% darker color. If you saturate the color by 10%, you get **137.7950, -55.6079, 102.7888**, and if you desaturate by 10%, it is **163.6810, -42.7337, 80.0868**.

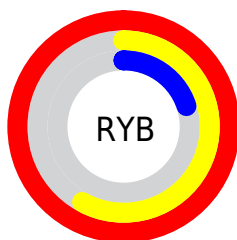
Distribution



Red (100%)

Green (46%)

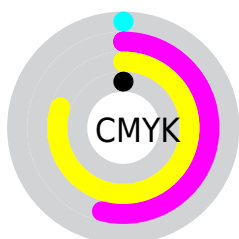
Blue (20%)



Red (100%)

Yellow (58%)

Blue (20%)

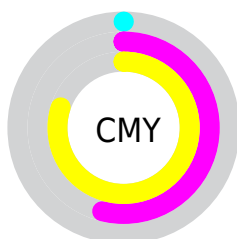


Cyan (0%)

Magenta (54%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.7380, -49.1708, 91.4378 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 150.7380, -49.1708, 91.4378 by changing the saturation by 10% instead.


 150.7380,
-49.1708, 91.4378

 150.7380,
-49.1708, 91.4378


255.0000, 0.0000,
0.0000

 122.2430,
-48.4338, 88.3639


 188.8370,
-42.8106, 58.0250

 94.0900, -46.3864,
84.9901


 208.3510,
-39.1200, 40.9112

 68.3850, -33.7138,
80.3464


 228.4520,
-35.7188, 23.2826

 38.2720, -18.8681,
78.6915

 246.7920,
-31.4495, 7.1984

 29.3020, -14.4459,
60.2481

 249.9840,
-19.2191, 4.3990


 20.6310, -10.1711,
42.4196


 253.2900, -6.5520,

 12.3730, -5.6069,


1.4997


25.1059

 0.0000, 0.0000,
0.0000

 150.7380,
-49.1708, 91.4378

 150.7380,
-49.1708, 91.4378

 137.7950,
-55.6079, 102.7888


 163.6810,
-42.7337, 80.0868

 124.3790,
-61.3188, 114.5546

 177.0970,
-37.0228, 68.3209

 190.0400,
-30.5857, 56.9699

 202.8690,
-24.5854, 45.7189

 215.8120,
-18.1483, 34.3679

229.2280,
-12.4374, 22.6020

242.1710, -6.0003,
11.2510

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.



141.0110, -12.8234, 99.9684



150.7380, -49.1708, 91.4378



148.4810, -73.2011, 52.1982

Triad

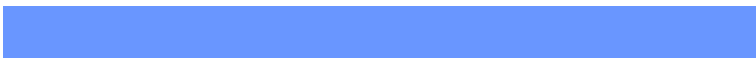
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



150.7380, -49.1708, 91.4378



125.5180, 3.6886, -110.0793



148.5150, 52.4971, -38.1627

Complementary

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



150.7380, -49.1708, 91.4378



155.2620, 49.1708, -91.4378

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.



130.6210, 61.3188, -114.5546



150.7380, -49.1708, 91.4378



134.1990, 34.4119, -117.6925

Square

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



150.7380, -49.1708, 91.4378



127.9550, -32.5158, -70.9975



137.6650, 57.8462, -120.7322



162.0190, 41.8956, 49.0953

Rectangle

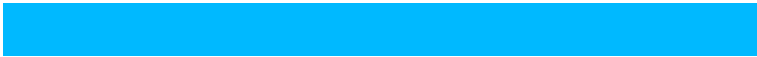
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



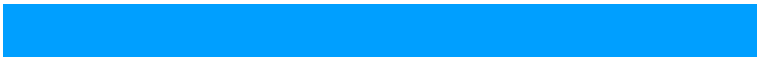
150.7380, -49.1708, 91.4378



145.9130, -71.9351, 19.3703



137.6650, 57.8462, -120.7322



122.4030, 65.3703, -107.3474

Sweetspot

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



150.7380, -49.1708, 91.4378



223.9790, -14.7796, 27.2054



127.8420, 30.6439, 111.5176



108.5200, -8.6374, 17.0840



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.



150.7380, -49.1708, 91.4378



129.6280, -58.9766, 109.9512



210.0250, -78.3993, 39.4431



121.2350, -3.0739, 5.9329



93.5030, -46.0970, 85.5049



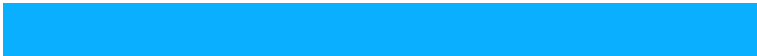
31.4630, -15.5113, 28.5349

Inverse Universe

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



155.2620, 49.1708, -91.4378



135.3720, 58.9766, -109.9512



95.9750, 78.3993, -39.4431



121.1780, 3.3632, -5.4181



97.4970, 46.0970, -85.5049



32.5370, 15.5113, -28.5349

Previews

White Background



This preview shows how the YUV color 150.7380, -49.1708, 91.4378 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 YUV color 150.7380, -49.1708, 91.4378 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](#).

YUV 150.7380, -49.1708, 91.4378

Background



This preview shows how black text looks on a background with the YUV color 150.7380, -49.1708, 91.4378.



This preview shows how white text looks on a background with the YUV color 150.7380, -49.1708,

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

150.7380, -49.1708, 91.4378

Protanopia

153.3240, -45.0227, 20.7639

Deuteranopia

152.1110, -55.2707, 41.1217



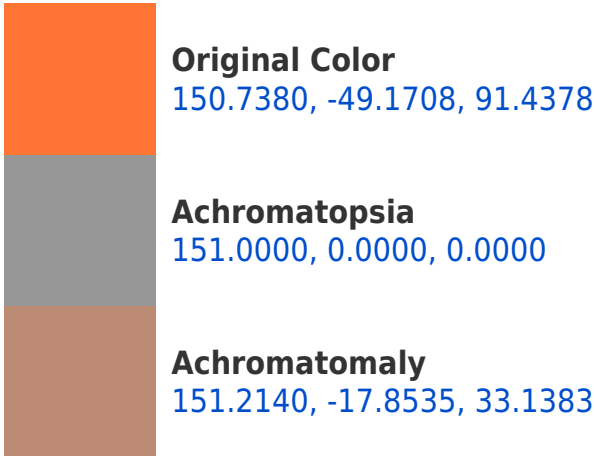
Tritanopia

155.5550, -18.0216, 87.2133

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7380, -49.1708, 91.4378 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, 117, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 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, 117, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 51) }
```

Border

The CSS property to change the border of an element to YUV 150.7380, -49.1708, 91.4378 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, 117, 51) }
```


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

```
.border{ border-color:rgb(255, 117, 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, 117, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 150.7380, -49.1708, 91.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 51) }
```

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

```
.background{ background-color: rgb(255,  
117, 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](#).

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