

Converting Colors

YUV(138.9980, -43.3830,
101.7338)

Have a look what the booklet for
YUV(138.9980, -43.3830, 101.7338)
contains.

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Color

**YUV(138.9980, -43.3830,
101.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6133
RGB	255, 97, 51
RGB Percent	100%, 38%, 20%
CMY	0.0000, 0.6196, 0.8000
CMYK	0.00, 0.62, 0.80, 0.00
HSL	14°, 100%, 60%
HSV	14°, 80%, 100%
XYZ	46.1122, 30.0484, 6.5015
YIQ	138.9980, 108.9340, 19.1900

Conversions

Conversions Part 2

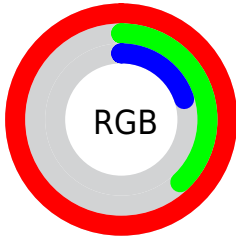
Format	Color
R_{YB}	255, 110, 51
Decimal	16736563
CIE _{Lab}	61.70, 57.99, 55.79
CIE _{LCh}	62, 80.465, 43.893
Yxy	30.0484, 0.5578, 0.3635
Android (android.graphics.Color)	4294926643 (0xFFFF6133)
YUV	138.9980, -43.3830, 101.7338
Hunter-Lab	54.8164, 54.2276, 31.3394

Details

The YUV color **138.9980, -43.3830, 101.7338** 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 **167.0020, 43.3830, -101.7338**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5700, -37.7490, 67.9061**, and **78.5290, -38.7148, 97.7601** is the 20% darker color. If you saturate the color by 10%, you get **124.2940, -48.9519, 114.6292**, and if you desaturate by 10%, it is **153.7020, -37.8141, 88.8383**.

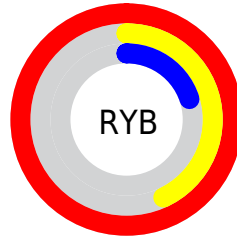
Distribution



Red (100%)

Green (38%)

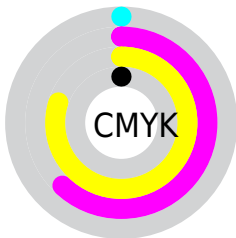
Blue (20%)



Red (100%)

Yellow (43%)

Blue (20%)

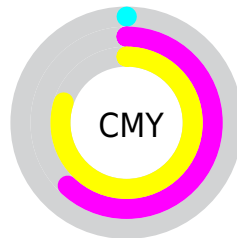


Cyan (0%)

Magenta (62%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (62%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.9980, -43.3830, 101.7338 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 138.9980, -43.3830, 101.7338 by changing the saturation by 10% instead.


 138.9980,
-43.3830, 101.7338


 138.9980,
-43.3830, 101.7338


255.0000, 0.0000,
0.0000


 109.8450,
-41.3356, 98.3599


 177.5700,
-37.7490, 67.9061


 78.5290, -38.7148,
97.7601


 196.9700,
-34.4952, 50.8923

 47.5410, -23.4377,
97.7495


 217.0710,
-31.0940, 33.2637

 37.9730, -18.7207,
78.0767

 237.7590,
-27.9822, 15.1204

 28.7040, -14.1511,
59.0186

 249.7560,
-20.0927, 4.5990

 20.2610, -9.0027,
40.9901

 253.0620, -7.4256,

 10.8780, -4.8699,

1.6996

22.0320

■ 0.0000, 0.0000,
0.0000

■ 138.9980,
-43.3830, 101.7338

■ 138.9980,
-43.3830, 101.7338

■ 124.2940,
-48.9519, 114.6292

■ 153.7020,
-37.8141, 88.8383

■ 109.7040,
-54.0841, 127.4246

■ 168.2920,
-32.6820, 76.0429

■ 182.4090,
-26.8236, 63.6623

■ 196.9990,
-21.6915, 50.8669

■ 211.7030,
-16.1226, 37.9715

■ 226.2930,
-10.9904, 25.1760

■ 240.4100, -5.1321,
12.7954

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.



127.9660, -4.4202, 111.4088



138.9980, -43.3830, 101.7338



139.9860, -69.0131, 62.2793

Triad

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



138.9980, -43.3830, 101.7338



116.6840, -4.7742, -102.3319



115.3590, 68.8430, -101.1698

Complementary

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



138.9980, -43.3830, 101.7338



167.0020, 43.3830, -101.7338

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.



127.6860, 62.7658, -111.9806



138.9980, -43.3830, 101.7338



126.8810, 26.6807, -111.2746

Square

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



138.9980, -43.3830, 101.7338



121.0960, -46.3893, -54.4582



132.6440, 56.3775, -116.3288



152.5810, 49.5066, 34.5705

Rectangle

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



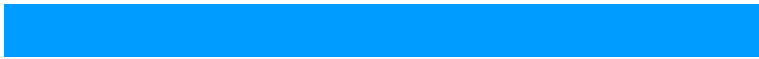
138.9980, -43.3830, 101.7338



138.5920, -68.3259, 28.4218



132.6440, 56.3775, -116.3288



120.0550, 66.5279, -105.2882

Sweetspot

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



138.9980, -43.3830, 101.7338



220.4570, -13.0433, 30.2942



130.2360, 39.8167, 109.4180



106.7590, -7.7692, 18.6284



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.



138.9980, -43.3830, 101.7338



115.5400, -52.0312, 122.3064



197.6980, -72.3221, 50.2539



120.6480, -2.7845, 6.4477



82.3500, -40.5985, 95.2861



27.3540, -13.4855, 32.1385

Inverse Universe

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



167.0020, 43.3830, -101.7338



149.4600, 52.0312, -122.3064



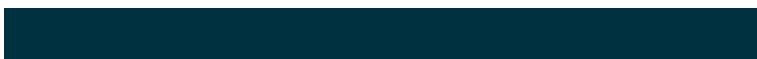
108.3020, 72.3221, -50.2539



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237

Previews

White Background



This preview shows how the YUV color 138.9980, -43.3830, 101.7338 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 138.9980, -43.3830, 101.7338 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 138.9980, -43.3830, 101.7338 Background



This preview shows how black text looks on a background with the YUV color 138.9980, -43.3830, 101.7338.



This preview shows how white text looks on a background with the YUV color 138.9980, -43.3830, 101.7338.

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

138.9980, -43.3830, 101.7338

Protanopia

145.2080, -39.0495, 18.2346

Deuteranopia

143.7840, -52.6445, 38.7774



Tritanopia

142.1220, -21.2591, 98.9940

Trichromacy



Original Color

138.9980, -43.3830, 101.7338

Protanomaly

143.0530, -40.4521, 48.1885

Deuteranomaly

142.1380, -49.3680, 61.2690

Tritanomaly

140.7710, -28.9741, 100.1788

Monochromacy



Original Color

138.9980, -43.3830, 101.7338

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.1050, -15.8278, 36.7419

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.9980, -43.3830, 101.7338 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, 97, 51)` looks like.

```
.text, #text, p{  
  color:rgb(255, 97, 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, 97, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 51) }
```

Border

The CSS property to change the border of an element to YUV 138.9980, -43.3830, 101.7338 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, 97, 51) }
```


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

```
.border{ border-color:rgb(255, 97, 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, 97, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 138.9980, -43.3830, 101.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 51) }
```

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

```
.background{ background-color: rgb(255, 97,  
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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