

Converting Colors

YUV(138.1200, -51.8242,
102.5038)

Have a look what the booklet for
YUV(138.1200, -51.8242, 102.5038)
contains.

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Color

**YUV(138.1200, -51.8242,
102.5038)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6321
RGB	255, 99, 33
RGB Percent	100%, 39%, 13%
CMY	0.0000, 0.6118, 0.8706
CMYK	0.00, 0.61, 0.87, 0.00
HSL	18°, 100%, 56%
HSV	18°, 87%, 100%
XYZ	45.9764, 30.2935, 4.8628
YIQ	138.1200, 114.1620, 12.5460

Conversions

Conversions Part 2

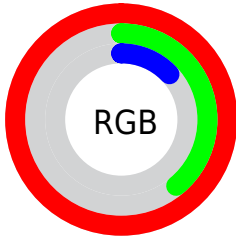
Format	Color
R _Y B	255, 127, 33
Decimal	16737057
CIE Lab	61.91, 56.69, 63.36
CIE LCh	62, 85.022, 48.181
Yxy	30.2935, 0.5667, 0.3734
Android (android.graphics.Color)	4294927137 (0xFFFF6321)
YUV	138.1200, -51.8242, 102.5038
Hunter-Lab	55.0395, 52.7879, 33.2893

Details

The YUV color **138.1200, -51.8242, 102.5038** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **149.8800, 51.8242, -102.5038**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0340, -44.8798, 68.3762**, and **80.8770, -39.8724, 95.7009** is the 20% darker color. If you saturate the color by 10%, you get **124.7040, -57.5351, 114.2696**, and if you desaturate by 10%, it is **151.5360, -46.1132, 90.7379**.

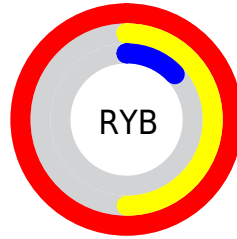
Distribution



Red (100%)

Green (39%)

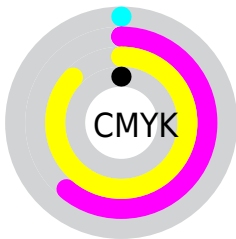
Blue (13%)



Red (100%)

Yellow (50%)

Blue (13%)

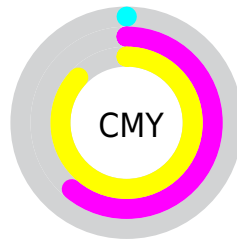


Cyan (0%)

Magenta (61%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.1200, -51.8242, 102.5038 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 138.1200, -51.8242, 102.5038 by changing the saturation by 10% instead.

138.1200,
-51.8242, 102.5038

138.1200,
-51.8242, 102.5038

255.0000, 0.0000,
0.0000

108.0550,
-53.2711, 99.9298

177.0340,
-44.8798, 68.3762

80.8770, -39.8724,
95.7009

196.4340,
-41.6260, 51.3624

47.2420, -23.2903,
97.1348

216.5350,
-38.2248, 33.7338

37.6740, -18.5733,
77.4619

236.6360,
-34.8235, 16.1052

28.4050, -14.0037,
58.4038

248.0460,
-26.6447, 6.0987

20.2610, -9.0027,
40.9901

251.2380,

10.8780, -4.8699,

-14.4143, 3.2993

22.0320

254.5440, -1.7472,
0.3999

■ 0.0000, 0.0000,
0.0000

■ 138.1200,
-51.8242, 102.5038

■ 138.1200,
-51.8242, 102.5038

■ 124.7040,
-57.5351, 114.2696

■ 151.5360,
-46.1132, 90.7379

■ 120.8570,
-59.5825, 117.6434

■ 165.0660,
-39.9655, 78.8721

■ 178.4820,
-34.2546, 67.1063

■ 192.0120,
-28.1069, 55.2405

■ 205.5420,
-21.9592, 43.3747

218.9580,
-16.2483, 31.6088

231.7870,
-10.2480, 20.3578

245.3170, -4.1003,
8.4920

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.



122.6030, -7.1993, 116.1122



138.1200, -51.8242, 102.5038



141.1270, -69.5756, 56.0166

Triad

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



138.1200, -51.8242, 102.5038



118.8840, -1.4218, -104.2613



127.6620, 62.7776, -68.9866

Complementary

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



138.1200, -51.8242, 102.5038



149.8800, 51.8242, -102.5038

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.



127.0990, 63.0552, -111.4658



138.1200, -51.8242, 102.5038



129.0640, 32.5064, -113.1891

Square

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



138.1200, -51.8242, 102.5038



106.5690, -37.2555, -90.8300



134.1430, 59.5825, -117.6434



151.8540, 48.8790, 49.2400

Rectangle

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



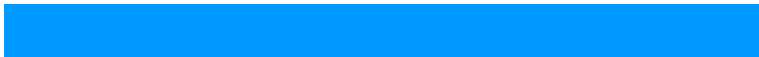
138.1200, -51.8242, 102.5038



138.2490, -68.1568, 20.8296



134.1430, 59.5825, -117.6434



118.8810, 67.1067, -104.2586

Sweetspot

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



138.1200, -51.8242, 102.5038



219.8870, -15.2273, 30.7941



117.5040, 36.7265, 120.5840



107.0040, -9.3690, 18.4135



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.



138.1200, -51.8242, 102.5038



120.8570, -59.5825, 117.6434



201.5160, -83.0784, 46.9055



121.2350, -3.0739, 5.9329



90.5680, -44.6500, 88.0789



30.2890, -14.9325, 29.5645

Inverse Universe

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



149.8800, 51.8242, -102.5038



134.1430, 59.5825, -117.6434



86.4840, 83.0784, -46.9055



121.7650, 3.0739, -5.9329



100.4320, 44.6500, -88.0789



33.7110, 14.9325, -29.5645

Previews

White Background



This preview shows how the YUV color 138.1200, -51.8242, 102.5038 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 138.1200, -51.8242, 102.5038 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 138.1200, -51.8242, 102.5038 Background



This preview shows how black text looks on a background with the YUV color 138.1200, -51.8242, 102.5038.



This preview shows how white text looks on a background with the YUV color 138.1200, -51.8242, 102.5038.

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

138.1200, -51.8242, 102.5038

Protanopia

143.5260, -48.0803, 21.4637

Deuteranopia

140.1640, -69.1009, 43.7062



Tritanopia

143.4100, -21.4011, 97.8644

Trichromacy



Original Color

138.1200, -51.8242, 102.5038

Protanomaly

141.3710, -49.4829, 51.4176

Deuteranomaly

139.3160, -62.7668, 65.4979

Tritanomaly

141.2610, -32.1737, 99.7491

Monochromacy



Original Color

138.1200, -51.8242, 102.5038

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.3070, -18.8854, 37.4418

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1200, -51.8242, 102.5038 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, 99, 33)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 33)  
}
```

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, 99, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 33) }
```

Border

The CSS property to change the border of an element to YUV 138.1200, -51.8242, 102.5038 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, 99, 33) }
```


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

```
.border{ border-color:rgb(255, 99, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 99, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 33);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 138.1200, -51.8242, 102.5038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 33) }
```

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

```
.background{ background-color: rgb(255, 99,  
33) }
```

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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