

Converting Colors

YUV(163.8520, -52.1850,
78.1828)

Have a look what the booklet for
YUV(163.8520, -52.1850, 78.1828)
contains.

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Color

**YUV(163.8520, -52.1850,
78.1828)**

Conversions

Conversions Part 1

Format	Color
Hex	FD8B3A
RGB	253, 139, 58
RGB Percent	99%, 55%, 23%
CMY	0.0078, 0.4549, 0.7725
CMYK	0.00, 0.45, 0.77, 0.01
HSL	25°, 98%, 61%
HSV	25°, 77%, 99%
XYZ	50.5044, 39.6534, 8.9950
YIQ	163.8520, 93.9450, -1.0230

Conversions

Conversions Part 2

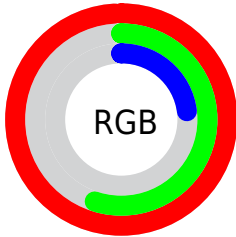
Format	Color
R _Y B	253, 197, 58
Decimal	16616250
CIE Lab	69.22, 37.64, 59.83
CIE LCh	69, 70.687, 57.822
Yxy	39.6534, 0.5094, 0.3999
Android (android.graphics.Color)	4294806330 (0xFFFD8B3A)
YUV	163.8520, -52.1850, 78.1828
Hunter-Lab	62.9709, 32.9626, 35.6105

Details

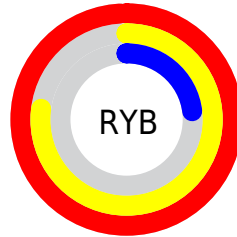
The YUV color **163.8520, -52.1850, 78.1828** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **147.1480, 52.1850, -78.1828**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6630, -45.6829, 45.8995**, and **107.8790, -53.1843, 72.0201** is the 20% darker color. If you saturate the color by 10%, you get **152.1970, -58.7641, 88.4042**, and if you desaturate by 10%, it is **175.5070, -45.6060, 67.9614**.

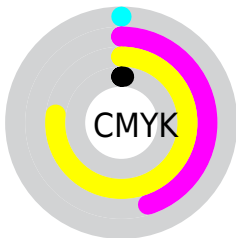
Distribution



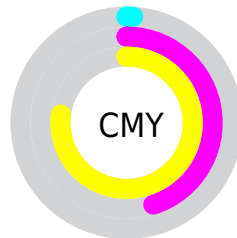
- Red (99%)
- Green (55%)
- Blue (23%)



- Red (99%)
- Yellow (77%)
- Blue (23%)



- Cyan (0%)
- Magenta (45%)
- Yellow (77%)
- Black (1%)



- Cyan (1%)
- Magenta (45%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8520, -52.1850, 78.1828 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 163.8520, -52.1850, 78.1828 by changing the saturation by 10% instead.

163.8520,
-52.1850, 78.1828

163.8520,
-52.1850, 78.1828

255.0000, 0.0000,
0.0000

135.9440,
-51.7374, 74.5941

202.6630,
-45.6829, 45.8995

107.8790,
-53.1843, 72.0201

222.1770,
-41.9923, 28.7858

83.9350, -41.3800,
65.8320

242.2780,
-38.5911, 11.1572

60.2900, -29.7230,
60.2587

247.8180,
-27.5183, 6.2986

34.2970, -16.9084,
56.7445

251.0100,
-15.2879, 3.4992

20.9300, -10.3185,
43.0344

254.3160, -2.6208,

13.9820, -5.9071,

0.5999

28.0798

■ 0.0000, 0.0000,
0.0000

■ 163.8520,
-52.1850, 78.1828

■ 163.8520,
-52.1850, 78.1828

■ 152.1970,
-58.7641, 88.4042

■ 175.5070,
-45.6060, 67.9614

■ 140.4280,
-65.7800, 98.7256

■ 187.2760,
-38.5901, 57.6399

■ 137.2820,
-67.6800, 101.4847

■ 198.3440,
-31.7216, 47.9333

■ 209.9990,
-25.1425, 37.7119

■ 221.7680,
-18.1266, 27.3905

■ 233.4230,
-11.5475, 17.1690

■ 245.0780, -4.9685,
6.9476

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



156.0450, -21.2212, 86.7835



163.8520, -52.1850, 78.1828



159.1590, -71.5634, 40.2026

Triad

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



163.8520, -52.1850, 78.1828



135.2810, 13.1725, -118.6414



167.0090, 43.3796, -7.0239

Complementary

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



163.8520, -52.1850, 78.1828



147.1480, 52.1850, -78.1828

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.



133.5560, 59.8719, -117.1286



163.8520, -52.1850, 78.1828



142.6910, 41.5643, -125.1400

Square

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



163.8520, -52.1850, 78.1828



135.9990, -19.2265, -86.8221



141.7740, 55.8204, -124.3358



172.8650, 32.1116, 60.6314

Rectangle

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



163.8520, -52.1850, 78.1828



155.9700, -65.0612, 7.9193



141.7740, 55.8204, -124.3358



159.4350, 47.1135, -38.0925

Sweetspot

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



163.8520, -52.1850, 78.1828



228.3160, -15.9318, 23.4019



129.6430, 22.3610, 108.1841



111.5690, -9.6475, 14.4100



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.



163.8520, -52.1850, 78.1828



147.7910, -63.0010, 94.0223



219.6170, -79.6772, 29.2769



121.8220, -3.3632, 5.4181



103.4820, -51.0166, 76.7533



34.3980, -16.9582, 25.9610

Inverse Universe

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



147.1480, 52.1850, -78.1828



127.7960, 62.7116, -94.5371



91.3830, 79.6772, -29.2769



120.5910, 3.6526, -4.9033



87.5180, 51.0166, -76.7533



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 163.8520, -52.1850, 78.1828 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 163.8520, -52.1850, 78.1828 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 163.8520, -52.1850, 78.1828

Background



This preview shows how black text looks on a background with the YUV color 163.8520, -52.1850, 78.1828.



This preview shows how white text looks on a background with the YUV color 163.8520, -52.1850,

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

163.8520, -52.1850, 78.1828

Protanopia

163.8250, -48.2277, 22.0785

Deuteranopia

163.7090, -55.5655, 42.3512



Tritanopia

169.8030, -14.1999, 74.7178

Trichromacy



Original Color

163.8520, -52.1850, 78.1828

Protanomaly

163.9030, -49.7452, 42.1811

Deuteranomaly

163.8400, -54.1511, 55.3913

Tritanomaly

167.8450, -28.0246, 75.5579

Monochromacy



Original Color

163.8520, -52.1850, 78.1828

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8390, -19.1476, 28.2052

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8520, -52.1850, 78.1828 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(253, 139, 58)` looks like.

```
.text, #text, p{  
    color:rgb(253, 139, 58)  
}
```

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(253, 139, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 139, 58) }
```

Border

The CSS property to change the border of an element to YUV 163.8520, -52.1850, 78.1828 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(253, 139, 58) }
```


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

```
.border{ border-color:rgb(253, 139, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 139, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 139, 58); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 139, 58); box-shadow:4px 4px 4px 4px rgb(253, 139, 58) }
```

Background

The CSS property to change the background color of an element to YUV 163.8520, -52.1850, 78.1828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 139, 58) }
```

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

```
.background{ background-color: rgb(253,  
139, 58) }
```

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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