

Converting Colors

YUV(152.0540, -55.2426,
78.8826)

Have a look what the booklet for
YUV(152.0540, -55.2426, 78.8826)
contains.

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Color

**YUV(152.0540, -55.2426,
78.8826)**

Conversions

Conversions Part 1

Format	Color
Hex	F28028
RGB	242, 128, 40
RGB Percent	95%, 50%, 16%
CMY	0.0510, 0.4980, 0.8431
CMYK	0.00, 0.47, 0.83, 0.05
HSL	26°, 89%, 55%
HSV	26°, 83%, 95%
XYZ	44.7201, 34.4688, 6.3036
YIQ	152.0540, 96.1920, -3.2000

Conversions

Conversions Part 2

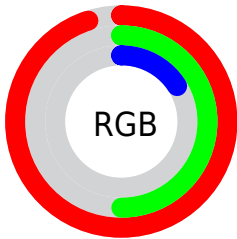
Format	Color
R _{YB}	242, 196, 40
Decimal	15892520
CIE Lab	65.33, 38.32, 62.86
CIE LCh	65, 73.616, 58.636
Yxy	34.4688, 0.5231, 0.4032
Android (android.graphics.Color)	4294082600 (0xFFFF28028)
YUV	152.0540, -55.2426, 78.8826
Hunter-Lab	58.7101, 33.2226, 34.7312

Details

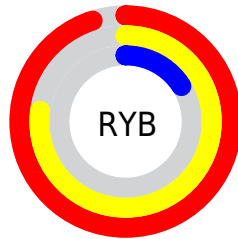
The YUV color **152.0540, -55.2426, 78.8826** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **129.9460, 55.2426, -78.8826**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7950, -49.1989, 53.6768**, and **98.7200, -48.6690, 70.4056** is the 20% darker color. If you saturate the color by 10%, you get **141.1000, -61.6743, 88.4893**, and if you desaturate by 10%, it is **163.0080, -48.8109, 69.2760**.

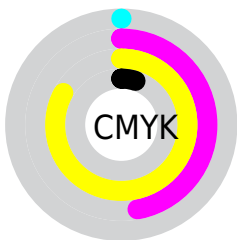
Distribution



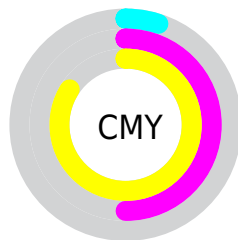
- Red (95%)
- Green (50%)
- Blue (16%)



- Red (95%)
- Yellow (77%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (83%)
- Black (5%)



- Cyan (5%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.0540, -55.2426, 78.8826 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 152.0540, -55.2426, 78.8826 by changing the saturation by 10% instead.

152.0540,
-55.2426, 78.8826

152.0540,
-55.2426, 78.8826

255.0000, 0.0000,
0.0000

123.1200,
-58.7262, 76.1938

193.7950,
-49.1989, 53.6768

98.7200, -48.6690,
70.4056

213.1950,
-45.9451, 36.6630

74.1890, -36.5752,
64.7322

233.2960,
-42.5439, 19.0344

50.5440, -24.9182,
59.1589

245.8800,
-34.9438, 7.9982

26.3120, -12.9718,
54.1004

249.0720,
-22.7135, 5.1989

17.9400, -8.8444,
36.8866

252.3780,

9.6820, -4.2802,

-10.0464, 2.2995

19.5729

■ 0.0000, 0.0000,
0.0000

■ 152.0540,
-55.2426, 78.8826

■ 152.0540,
-55.2426, 78.8826

■ 141.1000,
-61.6743, 88.4893

■ 163.0080,
-48.8109, 69.2760


■ 133.9930,
-66.0585, 94.7221


■ 173.3750,
-42.0899, 60.1841


■ 184.4430,
-35.2214, 50.4775

■ 195.3970,
-28.7897, 40.8708

■ 205.7640,
-22.0687, 31.7790

 216.7180,
-15.6370, 22.1723

 227.6720, -9.2053,
12.5657

 238.1530, -2.0474,
3.3738

 248.7650, 3.0739,
-5.9329

Harmonies

Analogous

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



145.7580, -22.5587, 95.8052



152.0540, -55.2426, 78.8826



148.3930, -73.1577, 38.2433

Triad

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



152.0540, -55.2426, 78.8826



127.7980, 12.4246, -112.0788



156.9750, 48.3263, -6.9941

Complementary

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



152.0540, -55.2426, 78.8826



129.9460, 55.2426, -78.8826

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



152.0540, -55.2426, 78.8826



135.4360, 41.6901, -118.7774

Square

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



152.0540, -55.2426, 78.8826



117.8120, -15.6833, -103.3211



135.9040, 58.7143, -119.1878



161.1150, 32.9743, 63.9201

Rectangle

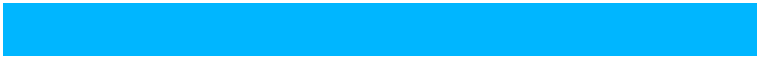
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



152.0540, -55.2426, 78.8826



143.7650, -70.8761, 6.3451



135.9040, 58.7143, -119.1878



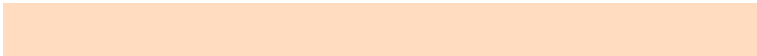
148.7920, 52.3605, -41.0366

Sweetspot

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



152.0540, -55.2426, 78.8826



226.5720, -17.5370, 24.9314



113.3940, 20.0188, 112.7875



110.6400, -10.6685, 15.2247



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.



152.0540, -55.2426, 78.8826



141.4020, -69.7112, 99.6254



211.3410, -84.4711, 26.8879



114.5230, -3.2158, 4.8033



101.9760, -50.2742, 71.9350



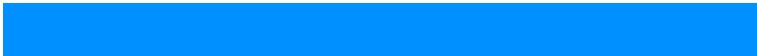
30.8320, -15.2002, 22.0723

Inverse Universe

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



129.9460, 55.2426, -78.8826



113.5980, 69.7112, -99.6254



70.6590, 84.4711, -26.8879



113.4770, 3.2158, -4.8033



82.0240, 50.2742, -71.9350



25.1680, 15.2002, -22.0723

Previews

White Background



This preview shows how the YUV color 152.0540, -55.2426, 78.8826 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 152.0540, -55.2426, 78.8826 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 152.0540, -55.2426, 78.8826

Background



This preview shows how black text looks on a background with the YUV color 152.0540, -55.2426, 78.8826.



This preview shows how white text looks on a background with the YUV color 152.0540, -55.2426, 78.8826.

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

152.0540, -55.2426, 78.8826

Protanopia

152.0270, -51.2853, 22.7783

Deuteranopia

152.0420, -60.6597, 42.9362



Tritanopia

158.5860, -15.0789, 76.6621

Trichromacy



Original Color

152.0540, -55.2426, 78.8826

Protanomaly

152.1050, -52.8028, 42.8809

Deuteranomaly

152.2870, -58.8085, 55.8763

Tritanomaly

156.4000, -29.7772, 77.7022

Monochromacy



Original Color

152.0540, -55.2426, 78.8826

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.9100, -20.1686, 29.0199

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.0540, -55.2426, 78.8826 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(242, 128, 40)` looks like.

```
.text, #text, p{  
    color:rgb(242, 128, 40)  
}
```

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(242, 128, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 128, 40) }
```

Border

The CSS property to change the border of an element to YUV 152.0540, -55.2426, 78.8826 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(242, 128, 40) }
```


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

```
.border{ border-color:rgb(242, 128, 40) }
```

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

Here you see how a box with a 4 pixel rgb(242, 128, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 128, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 128, 40);  
box-shadow:4px 4px 4px 4px rgb(242, 128,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 152.0540, -55.2426, 78.8826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 128, 40) }
```

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

```
.background{ background-color: rgb(242,  
128, 40) }
```

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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