

Converting Colors

YUV(166.0000, -56.6950,
78.0530)

Have a look what the booklet for
YUV(166.0000, -56.6950, 78.0530)
contains.

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Color

**YUV(166.0000, -56.6950,
78.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F33
RGB	255, 143, 51
RGB Percent	100%, 56%, 20%
CMY	0.0000, 0.4392, 0.8000
CMYK	0.00, 0.44, 0.80, 0.00
HSL	27°, 100%, 60%
HSV	27°, 80%, 100%
XYZ	51.6600, 41.1439, 8.3508
YIQ	166.0000, 96.2840, -4.8680

Conversions

Conversions Part 2

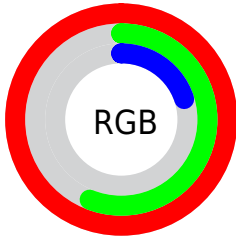
Format	Color
R _Y B	255, 219, 51
Decimal	16748339
CIE Lab	70.28, 36.16, 63.78
CIE LCh	70, 73.318, 60.446
Yxy	41.1439, 0.5107, 0.4067
Android (android.graphics.Color)	4294938419 (0xFFFF8F33)
YUV	166.0000, -56.6950, 78.0530
Hunter-Lab	64.1435, 31.5093, 37.1816

Details

The YUV color **166.0000, -56.6950, 78.0530** 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 **140.0000, 56.6950, -78.0530**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3270, -49.4612, 44.4402**, and **110.8250, -54.6367, 71.1905** is the 20% darker color. If you saturate the color by 10%, you get **154.8180, -64.0003, 87.8596**, and if you desaturate by 10%, it is **177.1820, -49.3897, 68.2464**.

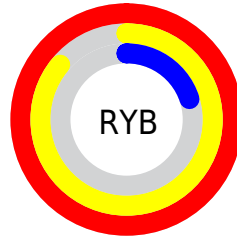
Distribution



Red (100%)

Green (56%)

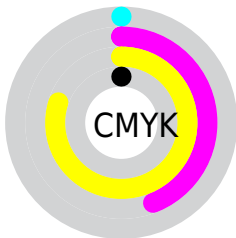
Blue (20%)



Red (100%)

Yellow (86%)

Blue (20%)

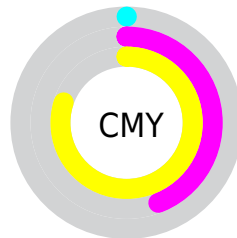


Cyan (0%)

Magenta (44%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0000, -56.6950, 78.0530 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 166.0000, -56.6950, 78.0530 by changing the saturation by 10% instead.

166.0000,
-56.6950, 78.0530

166.0000,
-56.6950, 78.0530

255.0000, 0.0000,
0.0000

137.7500,
-57.5577, 74.7643

204.3270,
-49.4612, 44.4402

110.8250,
-54.6367, 71.1905

223.8410,
-45.7706, 27.3264

86.8810, -42.8323,
65.0024

244.0560,
-41.9326, 9.5979

63.5240, -31.3173,
58.2995

247.1340,
-30.1391, 6.8985

39.0040, -19.2290,
54.3705

250.4400,
-17.4719, 3.9991

21.5280, -10.6133,
44.2639

253.7460, -4.8048,

14.4660, -6.6387,

1.0998

29.4093

■ 0.0000, 0.0000,
0.0000

■ 166.0000,
-56.6950, 78.0530

■ 166.0000,
-56.6950, 78.0530

■ 154.8180,
-64.0003, 87.8596

■ 177.1820,
-49.3897, 68.2464

■ 143.7500,
-70.8688, 97.5662

■ 188.2500,
-42.5213, 58.5397

■ 199.4320,
-35.2160, 48.7331

■ 210.5000,
-28.3475, 39.0265

■ 221.6820,
-21.0422, 29.2199

■ 232.7500,
-14.1737, 19.5133

■ 243.9320, -6.8685,
9.7066

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.



156.0620, -23.6946, 86.7686



166.0000, -56.6950, 78.0530



159.9000, -78.8307, 37.7987

Triad

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



166.0000, -56.6950, 78.0530



138.6550, 15.9461, -121.6004



170.5970, 41.6107, 0.3534

Complementary

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



166.0000, -56.6950, 78.0530



140.0000, 56.6950, -78.0530

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.



134.1430, 59.5825, -117.6434



166.0000, -56.6950, 78.0530



145.7060, 45.5009, -127.7842

Square

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



166.0000, -56.6950, 78.0530



127.8540, -12.7460, -112.1280



143.5350, 54.9522, -125.8802



174.7950, 31.6531, 67.7088

Rectangle

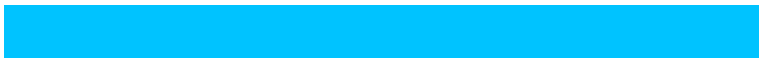
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.0000, -56.6950, 78.0530



157.3670, -67.2289, 3.1861



143.5350, 54.9522, -125.8802



163.0230, 45.3447, -30.7152

Sweetspot

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



166.0000, -56.6950, 78.0530



228.0880, -16.8054, 23.6018



124.7640, 18.8503, 114.2170



111.4550, -10.0843, 14.5100



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.



166.0000, -56.6950, 78.0530



148.4120, -68.2371, 93.4777



225.8740, -86.2129, 25.5435



122.4090, -3.6526, 4.9033



107.5910, -53.0424, 73.1497



36.1590, -17.8264, 24.4166

Inverse Universe

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



140.0000, 56.6950, -78.0530



117.1750, 67.9477, -93.9925



80.1260, 86.2129, -25.5435



120.5910, 3.6526, -4.9033



83.4090, 53.0424, -73.1497



27.8410, 17.8264, -24.4166

Previews

White Background



This preview shows how the YUV color 166.0000, -56.6950, 78.0530 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 166.0000, -56.6950, 78.0530 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 166.0000, -56.6950, 78.0530

Background



This preview shows how black text looks on a background with the YUV color 166.0000, -56.6950, 78.0530.



This preview shows how white text looks on a background with the YUV color 166.0000, -56.6950,

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

166.0000, -56.6950, 78.0530

Protanopia

165.9840, -52.7431, 23.6930

Deuteranopia

165.4660, -60.3757, 45.1953



Tritanopia

173.1940, -13.8996, 71.7439

Trichromacy



Original Color

166.0000, -56.6950, 78.0530

Protanomaly

166.0620, -54.2606, 43.7956

Deuteranomaly

165.8850, -59.1033, 57.1059

Tritanomaly

170.4920, -29.3296, 74.1135

Monochromacy



Original Color

166.0000, -56.6950, 78.0530

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0840, -20.7474, 27.9903

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0000, -56.6950, 78.0530 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, 143, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 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, 143, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 51) }
```

Border

The CSS property to change the border of an element to YUV 166.0000, -56.6950, 78.0530 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, 143, 51) }
```


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

```
.border{ border-color:rgb(255, 143, 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, 143, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 166.0000, -56.6950, 78.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 51) }
```

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

```
.background{ background-color: rgb(255,  
143, 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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