

Converting Colors

YUV(162.8710, -61.0684,
80.7971)

Have a look what the booklet for
YUV(162.8710, -61.0684, 80.7971)
contains.

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Color

**YUV(162.8710, -61.0684,
80.7971)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C27
RGB	255, 140, 39
RGB Percent	100%, 55%, 15%
CMY	0.0000, 0.4510, 0.8471
CMYK	0.00, 0.45, 0.85, 0.00
HSL	28°, 100%, 58%
HSV	28°, 85%, 100%
XYZ	50.9843, 40.1627, 6.9845
YIQ	162.8710, 100.9610, -7.0310

Conversions

Conversions Part 2

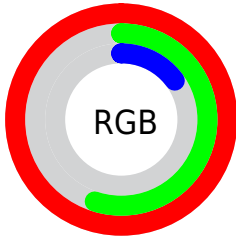
Format	Color
R _Y B	255, 229, 39
Decimal	16747559
CIE Lab	69.59, 37.36, 67.50
CIE LCh	70, 77.148, 61.038
Yxy	40.1627, 0.5196, 0.4093
Android (android.graphics.Color)	4294937639 (0xFFFF8C27)
YUV	162.8710, -61.0684, 80.7971
Hunter-Lab	63.3740, 32.6985, 37.8274

Details

The YUV color **162.8710, -61.0684, 80.7971** 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 **131.1290, 61.0684, -80.7971**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4260, -52.9610, 46.9844**, and **108.7650, -53.6211, 72.1201** is the 20% darker color. If you saturate the color by 10%, you get **151.8030, -67.9369, 90.5038**, and if you desaturate by 10%, it is **174.0530, -53.7631, 70.9905**.

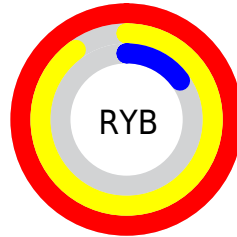
Distribution



Red (100%)

Green (55%)

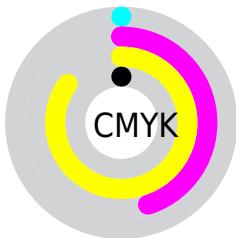
Blue (15%)



Red (100%)

Yellow (90%)

Blue (15%)

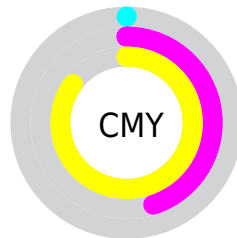


Cyan (0%)

Magenta (45%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.8710, -61.0684, 80.7971 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 162.8710, -61.0684, 80.7971 by changing the saturation by 10% instead.

162.8710,
-61.0684, 80.7971

162.8710,
-61.0684, 80.7971

255.0000, 0.0000,
0.0000

133.5950,
-65.8623, 78.4082

201.4260,
-52.9610, 46.9844

108.7650,
-53.6211, 72.1201

220.9400,
-49.2704, 29.8706

85.1200, -41.9642,
66.5468

241.1550,
-45.4324, 12.1421

61.1760, -30.1598,
60.3586

246.1080,
-34.0702, 7.7983

35.7700, -17.6346,
56.3297

249.3000,
-21.8399, 4.9989

21.2290, -10.4659,
43.6492

252.6060, -9.1728,

14.2810, -6.0545,

2.0995

28.6946

■ 0.0000, 0.0000,
0.0000

■ 162.8710,
-61.0684, 80.7971

■ 162.8710,
-61.0684, 80.7971

■ 151.8030,
-67.9369, 90.5038

■ 174.0530,
-53.7631, 70.9905

■ 146.0980,
-72.0263, 95.5071

■ 184.5340,
-46.6053, 61.7987

■ 195.7160,
-39.3000, 51.9921

■ 206.1970,
-32.1421, 42.8002

■ 217.3790,
-24.8368, 32.9936

■ 227.8600,
-17.6790, 23.8018

■ 239.0420,
-10.3737, 13.9952

■ 250.1100, -3.5052,
4.2885

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.



151.8560, -24.5790, 90.4573



162.8710, -61.0684, 80.7971



158.7150, -78.2465, 37.0839

Triad

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



162.8710, -61.0684, 80.7971



137.9540, 15.7987, -120.9857



167.9500, 42.9157, 1.7979

Complementary

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



162.8710, -61.0684, 80.7971



131.1290, 61.0684, -80.7971

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



162.8710, -61.0684, 80.7971



145.4610, 47.1007, -127.5693

Square

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



162.8710, -61.0684, 80.7971



126.8110, -14.2038, -111.2132



142.9480, 55.2416, -125.3654



172.1700, 32.9472, 72.6419

Rectangle

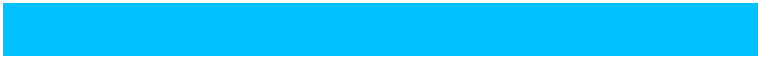
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162.8710, -61.0684, 80.7971



152.8910, -75.3753, 2.7266



142.9480, 55.2416, -125.3654



160.0660, 46.8025, -31.6299

Sweetspot

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



162.8710, -61.0684, 80.7971



227.7460, -18.1158, 23.9018



116.6940, 18.3919, 121.2944



111.2270, -10.9579, 14.7099



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.



162.8710, -61.0684, 80.7971



146.0980, -72.0263, 95.5071



226.2670, -92.3226, 25.1988



122.4090, -3.6526, 4.9033



109.3520, -53.9105, 71.6053



36.7460, -18.1158, 23.9018

Inverse Universe

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



131.1290, 61.0684, -80.7971



108.9020, 72.0263, -95.5071



67.7330, 92.3226, -25.1988



120.5910, 3.6526, -4.9033



81.6480, 53.9105, -71.6053



27.2540, 18.1158, -23.9018

Previews

White Background



This preview shows how the YUV color 162.8710, -61.0684, 80.7971 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 162.8710, -61.0684, 80.7971 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 162.8710, -61.0684, 80.7971

Background



This preview shows how black text looks on a background with the YUV color 162.8710, -61.0684, 80.7971.



This preview shows how white text looks on a background with the YUV color 162.8710, -61.0684, 80.7971.

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

162.8710, -61.0684, 80.7971

Protanopia

162.8440, -57.1111, 24.6928

Deuteranopia

162.4570, -66.7803, 46.0802



Tritanopia

171.0910, -14.3419, 73.5882

Trichromacy



Original Color

162.8710, -61.0684, 80.7971

Protanomaly

162.9220, -58.6285, 44.7954

Deuteranomaly

162.7020, -64.9291, 59.0203

Tritanomaly

168.0470, -31.0822, 76.2578

Monochromacy



Original Color

162.8710, -61.0684, 80.7971

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0410, -22.2052, 28.9050

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.8710, -61.0684, 80.7971 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, 140, 39)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 39)  
}
```

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, 140, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 39) }
```

Border

The CSS property to change the border of an element to YUV 162.8710, -61.0684, 80.7971 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, 140, 39) }
```


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

```
.border{ border-color:rgb(255, 140, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 39);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 162.8710, -61.0684, 80.7971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 39) }
```

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

```
.background{ background-color: rgb(255,  
140, 39) }
```

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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