

Converting Colors

YUV(164.1080, -53.7902,
79.7123)

Have a look what the booklet for
YUV(164.1080, -53.7902, 79.7123)
contains.

YUV(164.1080, -53.7902, 79.7123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(164.1080, -53.7902,
79.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B37
RGB	255, 139, 55
RGB Percent	100%, 55%, 22%
CMY	0.0000, 0.4549, 0.7843
CMYK	0.00, 0.45, 0.78, 0.00
HSL	25°, 100%, 61%
HSV	25°, 78%, 100%
XYZ	51.1622, 40.0011, 8.6389
YIQ	164.1080, 96.1000, -1.5320

Conversions

Conversions Part 2

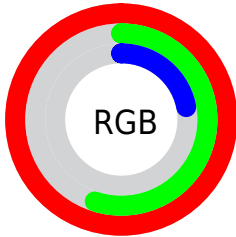
Format	Color
R _Y B	255, 200, 55
Decimal	16747319
CIE Lab	69.47, 38.32, 61.42
CIE LCh	69, 72.398, 58.038
Yxy	40.0011, 0.5126, 0.4008
Android (android.graphics.Color)	4294937399 (0xFFFF8B37)
YUV	164.1080, -53.7902, 79.7123
Hunter-Lab	63.2464, 33.7136, 36.1740

Details

The YUV color **164.1080, -53.7902, 79.7123** 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 **145.8920, 53.7902, -79.7123**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.4350, -46.5565, 46.0995**, and **108.4770, -53.4792, 73.2497** is the 20% darker color. If you saturate the color by 10%, you get **152.3390, -60.8061, 90.0337**, and if you desaturate by 10%, it is **175.8770, -46.7744, 69.3909**.

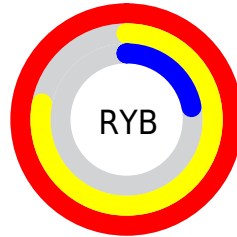
Distribution



Red (100%)

Green (55%)

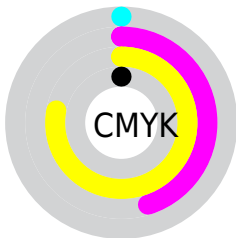
Blue (22%)



Red (100%)

Yellow (78%)

Blue (22%)

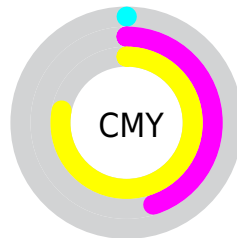


Cyan (0%)

Magenta (45%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1080, -53.7902, 79.7123 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 164.1080, -53.7902, 79.7123 by changing the saturation by 10% instead.

164.1080,
-53.7902, 79.7123

164.1080,
-53.7902, 79.7123

255.0000, 0.0000,
0.0000

136.0860,
-53.7794, 76.2236

202.4350,
-46.5565, 46.0995

108.4770,
-53.4792, 73.2497

221.8350,
-43.3027, 29.0857

84.5330, -41.6748,
67.0616

242.0500,
-39.4646, 11.3572

60.5890, -29.8704,
60.8734

247.4760,
-28.8287, 6.5985

34.0090, -16.7664,
57.8741

250.7820,
-16.1615, 3.6992

21.2290, -10.4659,
43.6492

254.0880, -3.4944,

14.2810, -6.0545,

0.7998

28.6946

■ 0.0000, 0.0000,
0.0000

■ 164.1080,
-53.7902, 79.7123

■ 164.1080,
-53.7902, 79.7123

■ 152.3390,
-60.8061, 90.0337

■ 175.8770,
-46.7744, 69.3909

■ 140.6840,
-67.3852, 100.2551

■ 187.5320,
-40.1953, 59.1694

■ 139.0540,
-68.5536, 101.6846

■ 198.7140,
-32.8900, 49.3628

■ 210.3690,
-26.3109, 39.1414

■ 222.0240,
-19.7318, 28.9200

■ 233.7930,
-12.7159, 18.5985

■ 245.5620, -5.7001,
8.2771

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.



154.7570, -21.0792, 87.9131



164.1080, -53.7902, 79.7123



158.3780, -77.0944, 40.8875

Triad

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



164.1080, -53.7902, 79.7123



135.9820, 13.3199, -119.2562



167.3080, 43.2322, -6.4091

Complementary

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



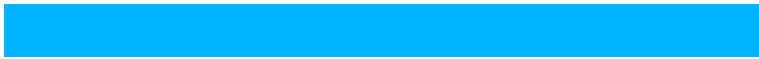
164.1080, -53.7902, 79.7123



145.8920, 53.7902, -79.7123

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



164.1080, -53.7902, 79.7123



143.6200, 42.5853, -125.9547

Square

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



164.1080, -53.7902, 79.7123



132.8840, -18.1838, -94.6143



142.9480, 55.2416, -125.3654



173.1040, 32.9797, 62.1758

Rectangle

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



164.1080, -53.7902, 79.7123



155.4600, -68.2608, 7.4896



142.9480, 55.2416, -125.3654



159.1360, 47.2610, -38.7073

Sweetspot

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



164.1080, -53.7902, 79.7123



227.5010, -16.5160, 24.1166



128.1380, 21.6240, 111.2580



110.8680, -9.7949, 15.0248



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.



164.1080, -53.7902, 79.7123



146.0470, -64.6062, 95.5518



222.2210, -82.4400, 28.7472



121.8220, -3.3632, 5.4181



104.0690, -51.3060, 76.2385



34.9850, -17.2476, 25.4462

Inverse Universe

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



145.8920, 53.7902, -79.7123



123.9530, 64.6062, -95.5518



87.7790, 82.4400, -28.7472



120.5910, 3.6526, -4.9033



86.9310, 51.3060, -76.2385



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 164.1080, -53.7902, 79.7123 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 164.1080, -53.7902, 79.7123 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 164.1080, -53.7902, 79.7123

Background



This preview shows how black text looks on a background with the YUV color 164.1080, -53.7902, 79.7123.



This preview shows how white text looks on a background with the YUV color 164.1080, -53.7902, 79.7123.

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

164.1080, -53.7902, 79.7123

Protanopia

163.7820, -49.6855, 22.9932

Deuteranopia

163.8510, -57.6075, 43.9807



Tritanopia

170.5040, -14.0525, 74.1030

Trichromacy



Original Color

164.1080, -53.7902, 79.7123

Protanomaly

164.1590, -51.3504, 43.7106

Deuteranomaly

163.9820, -56.1931, 57.0208

Tritanomaly

168.0300, -28.6088, 76.2727

Monochromacy



Original Color

164.1080, -53.7902, 79.7123

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0240, -19.7318, 28.9200

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1080, -53.7902, 79.7123 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, 139, 55)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 55)  
}
```

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, 139, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 55) }
```

Border

The CSS property to change the border of an element to YUV 164.1080, -53.7902, 79.7123 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, 139, 55) }
```


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

```
.border{ border-color:rgb(255, 139, 55) }
```

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

Here you see how a box with a 4 pixel rgb(255, 139, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 55);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 164.1080, -53.7902, 79.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 55) }
```

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

```
.background{ background-color: rgb(255,  
139, 55) }
```

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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