

Converting Colors

YUV(184.8130, -53.1518,
61.5540)

Have a look what the booklet for
YUV(184.8130, -53.1518, 61.5540)
contains.

YUV(184.8130, -53.1518, 61.5540)	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(184.8130, -53.1518,
61.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAA4D
RGB	255, 170, 77
RGB Percent	100%, 67%, 30%
CMY	0.0000, 0.3333, 0.6980
CMYK	0.00, 0.33, 0.70, 0.00
HSL	31°, 100%, 65%
HSV	31°, 70%, 100%
XYZ	56.9543, 50.5453, 13.7756
YIQ	184.8130, 80.5130, -10.9030

Conversions

Conversions Part 2

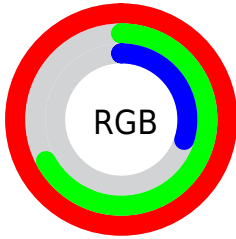
Format	Color
R _Y B	240, 255, 77
Decimal	16755277
CIE Lab	76.40, 23.25, 58.91
CIE LCh	76, 63.333, 68.466
Yxy	50.5453, 0.4696, 0.4168
Android (android.graphics.Color)	4294945357 (0xFFFFAA4D)
YUV	184.8130, -53.1518, 61.5540
Hunter-Lab	71.0952, 18.5795, 38.2785

Details

The YUV color **184.8130, -53.1518, 61.5540** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **147.1870, 53.1518, -61.5540**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1400, -45.9180, 27.9412**, and **129.3670, -53.4249, 55.8061** is the 20% darker color. If you saturate the color by 10%, you get **174.9190, -60.5991, 70.2310**, and if you desaturate by 10%, it is **194.8210, -45.2678, 52.7770**.

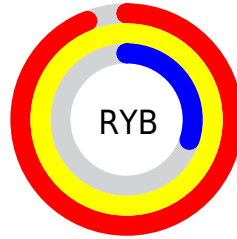
Distribution



Red (100%)

Green (67%)

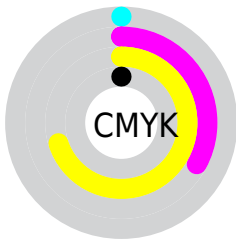
Blue (30%)



Red (94%)

Yellow (100%)

Blue (30%)

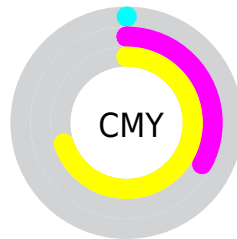


Cyan (0%)

Magenta (33%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8130, -53.1518, 61.5540 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 184.8130, -53.1518, 61.5540 by changing the saturation by 10% instead.

184.8130,
-53.1518, 61.5540

184.8130,
-53.1518, 61.5540

255.0000, 0.0000,
0.0000

156.7310,
-52.1254, 58.9949

223.1400,
-45.9180, 27.9412

129.3670,
-53.4249, 55.8061

243.2410,
-42.5168, 10.3126

103.3280,
-50.9407, 52.3323

247.0200,
-30.5759, 6.9985

80.5690, -39.7205,
46.8590

250.2120,
-18.3455, 4.1991

58.3970, -28.7897,
40.8708

253.5180, -5.6784,
1.2997

36.8120, -18.1483,
34.3679

16.1240, -7.9491,

29.7093

■ 5.3820, -2.6533,
11.0660

■ 0.0000, 0.0000,
0.0000

■ 184.8130,
-53.1518, 61.5540

■ 184.8130,
-53.1518, 61.5540

■ 174.9190,
-60.5991, 70.2310

■ 194.8210,
-45.2678, 52.7770

■ 164.9110,
-68.4831, 79.0081

■ 204.7150,
-37.8205, 44.0999

■ 154.4300,
-75.6410, 88.1999

■ 215.3100,
-30.2258, 34.8081

■ 154.3160,
-76.0778, 88.2999

■ 225.2040,
-22.7786, 26.1311

■ 235.2120,
-14.8945, 17.3541

■ 245.1060, -7.4473,
8.6770

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.



176.6870, -28.4397, 68.6805



184.8130, -53.1518, 61.5540



180.7080, -57.5370, 21.3041

Triad

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



184.8130, -53.1518, 61.5540



150.6350, 26.3089, -132.1069



190.4980, 31.7995, 20.6113

Complementary

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



184.8130, -53.1518, 61.5540



147.1870, 53.1518, -61.5540

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.



172.3050, 40.7686, -56.3955



184.8130, -53.1518, 61.5540



155.2750, 49.1644, -136.1762

Square

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



184.8130, -53.1518, 61.5540



151.7870, -4.3320, -104.1762



149.9920, 51.7689, -131.5430



187.3350, 22.5128, 59.3422

Rectangle

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



184.8130, -53.1518, 61.5540



176.3280, -47.9827, -9.9347



149.9920, 51.7689, -131.5430



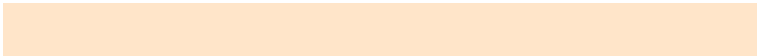
186.5230, 33.7592, -1.3357

Sweetspot

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



184.8130, -53.1518, 61.5540



233.5820, -16.0629, 18.7836



140.0260, 11.3262, 100.8322



114.9600, -9.3473, 11.4361



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.



184.8130, -53.1518, 61.5540



170.7300, -63.9569, 73.9048



233.8110, -77.3078, 15.9518



122.4090, -3.6526, 4.9033



115.8090, -57.0938, 65.9425



38.5070, -18.9840, 22.3574

Inverse Universe

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



147.1870, 53.1518, -61.5540



125.2700, 63.9569, -73.9048



98.1890, 77.3078, -15.9518



120.0040, 3.9420, -4.3885



75.1910, 57.0938, -65.9425



24.9060, 19.2733, -21.8426

Previews

White Background



This preview shows how the YUV color 184.8130, -53.1518, 61.5540 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 184.8130, -53.1518, 61.5540 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 184.8130, -53.1518, 61.5540

Background



This preview shows how black text looks on a background with the YUV color 184.8130, -53.1518, 61.5540.



This preview shows how white text looks on a background with the YUV color 184.8130, -53.1518, 61.5540.

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

184.8130, -53.1518, 61.5540

Protanopia

183.1950, -49.3961, 23.5080

Deuteranopia

184.3610, -54.4080, 44.4104



Tritanopia

191.7620, -8.7567, 55.4597

Trichromacy



Original Color

184.8130, -53.1518, 61.5540

Protanomaly

183.6420, -50.6025, 37.1480

Deuteranomaly

184.2200, -53.8455, 50.6731

Tritanomaly

189.5330, -24.9128, 57.4146

Monochromacy



Original Color

184.8130, -53.1518, 61.5540

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.0940, -19.2733, 21.8426

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8130, -53.1518, 61.5540 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, 170, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 77)  
}
```

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, 170, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 77) }
```

Border

The CSS property to change the border of an element to YUV 184.8130, -53.1518, 61.5540 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, 170, 77) }
```


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

```
.border{ border-color:rgb(255, 170, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 184.8130, -53.1518, 61.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 77) }
```

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

```
.background{ background-color: rgb(255,  
170, 77) }
```

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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