

Converting Colors

YUV(149.4000, -53.4412,
61.0392)

Have a look what the booklet for
YUV(149.4000, -53.4412, 61.0392)
contains.

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Color

**YUV(149.4000, -53.4412,
61.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8729
RGB	219, 135, 41
RGB Percent	86%, 53%, 16%
CMY	0.1412, 0.4706, 0.8392
CMYK	0.00, 0.38, 0.81, 0.14
HSL	32°, 71%, 51%
HSV	32°, 81%, 86%
XYZ	38.2776, 32.5481, 6.3628
YIQ	149.4000, 80.2380, -11.4260

Conversions

Conversions Part 2

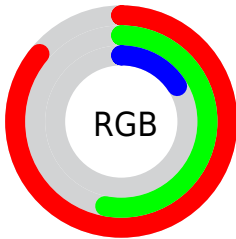
Format	Color
R _Y B	200, 219, 41
Decimal	14386985
CIE Lab	63.79, 25.30, 59.96
CIE LCh	64, 65.082, 67.123
Yxy	32.5481, 0.4959, 0.4217
Android (android.graphics.Color)	4292577065 (0xFFDB8729)
YUV	149.4000, -53.4412, 61.0392
Hunter-Lab	57.0510, 19.9232, 33.3232

Details

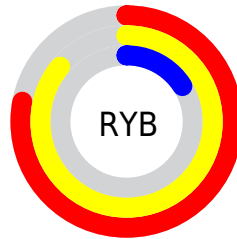
The YUV color **149.4000, -53.4412, 61.0392** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **110.6000, 53.4412, -61.0392**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9040, -51.2247, 50.0732**, and **97.1370, -47.8885, 53.3769** is the 20% darker color. If you saturate the color by 10%, you get **141.0220, -60.1568, 68.3867**, and if you desaturate by 10%, it is **157.7780, -46.7256, 53.6917**.

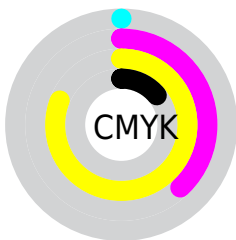
Distribution



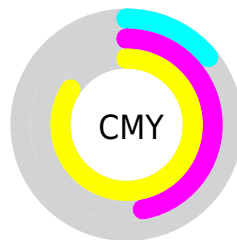
- Red (86%)
- Green (53%)
- Blue (16%)



- Red (78%)
- Yellow (86%)
- Blue (16%)



- Cyan (0%)
- Magenta (38%)
- Yellow (81%)
- Black (14%)




- Cyan (14%)
- Magenta (47%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4000, -53.4412, 61.0392 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 149.4000, -53.4412, 61.0392 by changing the saturation by 10% instead.


 149.4000,
-53.4412, 61.0392


 149.4000,
-53.4412, 61.0392


255.0000, 0.0000,
0.0000


 120.8790,
-56.6353, 58.8651


 197.9040,
-51.2247, 50.0732

 97.1370, -47.8885,
53.3769


 216.8310,
-47.2447, 33.4742

 74.3780, -36.6684,
47.9035


 236.9320,
-43.8435, 15.8456

 51.9070, -25.5902,
41.3006

 245.8800,
-34.9438, 7.9982

 30.6210, -15.0962,
35.4124

 249.1860,
-22.2767, 5.0989

 13.7540, -6.7807,
28.2797

 252.3780,

 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 149.4000,
-53.4412, 61.0392

■ 149.4000,
-53.4412, 61.0392

■ 141.0220,
-60.1568, 68.3867

■ 157.7780,
-46.7256, 53.6917

■ 133.5730,
-65.8515, 74.9195

■ 166.7430,
-40.2993, 45.8294

■ 175.1210,
-33.5837, 38.4819

■ 183.4990,
-26.8680, 31.1344

■ 192.4640,
-20.4418, 23.2721

■ 200.7280,
-14.1629, 16.0245

■ 209.1060, -7.4473,
8.6770

■ 218.0710, -1.0210,
0.8147

■ 226.4490, 5.6946,
-6.5328

Harmonies

Analogous

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



150.2380, -30.6833, 88.3683



149.4000, -53.4412, 61.0392



144.6390, -62.9260, 23.1186

Triad

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



149.4000, -53.4412, 61.0392



125.8720, 20.2761, -110.3897



158.3690, 44.1881, 13.7084

Complementary

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



149.4000, -53.4412, 61.0392



110.6000, 53.4412, -61.0392

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.



130.4980, 61.3795, -87.2597



149.4000, -53.4412, 61.0392



131.0820, 45.3156, -114.9589

Square

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



149.4000, -53.4412, 61.0392



117.2710, -5.0636, -102.8467



130.6210, 61.3188, -114.5546



156.5750, 21.9015, 68.7787

Rectangle

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



149.4000, -53.4412, 61.0392



141.8290, -51.1877, -8.6200



130.6210, 61.3188, -114.5546



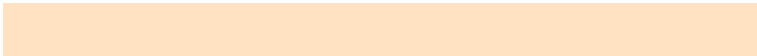
155.4800, 49.0634, -10.0680

Sweetspot

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



149.4000, -53.4412, 61.0392



231.0230, -18.2523, 21.0278



104.0260, 11.3262, 100.8322



113.2160, -10.9525, 12.9656



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.



149.4000, -53.4412, 61.0392



157.2340, -75.0514, 85.7408



197.8110, -77.3078, 15.9518



105.2240, -3.0684, 4.1886



105.7310, -52.1254, 58.9949



27.8420, -13.7261, 15.9246

Inverse Universe

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



110.6000, 53.4412, -61.0392



102.7660, 75.0514, -85.7408



62.1890, 77.3078, -15.9518



103.1890, 3.3578, -3.6738



67.8560, 51.8360, -59.5097



18.1580, 13.7261, -15.9246

Previews

White Background



This preview shows how the YUV color 149.4000, -53.4412, 61.0392 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 149.4000, -53.4412, 61.0392 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 149.4000, -53.4412, 61.0392

Background



This preview shows how black text looks on a background with the YUV color 149.4000, -53.4412, 61.0392.



This preview shows how white text looks on a background with the YUV color 149.4000, -53.4412, 61.0392.

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

149.4000, -53.4412, 61.0392

Protanopia

148.2550, -50.4117, 22.5784

Deuteranopia

148.6980, -55.5601, 40.6069



Tritanopia

156.3280, -10.5147, 59.3483

Trichromacy



Original Color

149.4000, -53.4412, 61.0392

Protanomaly

148.7020, -51.6181, 36.2183

Deuteranomaly

149.2690, -54.8556, 47.9991

Tritanomaly

153.6150, -25.9392, 59.9736

Monochromacy



Original Color

149.4000, -53.4412, 61.0392

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0940, -19.2733, 21.8426

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4000, -53.4412, 61.0392 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(219, 135, 41)` looks like.

```
.text, #text, p{  
    color:rgb(219, 135, 41)  
}
```

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(219, 135, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 135, 41) }
```

Border

The CSS property to change the border of an element to YUV 149.4000, -53.4412, 61.0392 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(219, 135, 41) }
```


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

```
.border{ border-color:rgb(219, 135, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 135, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 135, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 135, 41);  
box-shadow:4px 4px 4px 4px rgb(219, 135,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 149.4000, -53.4412, 61.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 135, 41) }
```

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

```
.background{ background-color: rgb(219,  
135, 41) }
```

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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