

Converting Colors

YUV(157.1270, -49.3626,
59.5246)

Have a look what the booklet for
YUV(157.1270, -49.3626, 59.5246)
contains.

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Color

**YUV(157.1270, -49.3626,
59.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	E18E39
RGB	225, 142, 57
RGB Percent	88%, 56%, 22%
CMY	0.1176, 0.4431, 0.7765
CMYK	0.00, 0.37, 0.75, 0.12
HSL	30°, 74%, 55%
HSV	30°, 75%, 88%
XYZ	41.4629, 35.6490, 8.5665
YIQ	157.1270, 76.7530, -8.8390

Conversions

Conversions Part 2

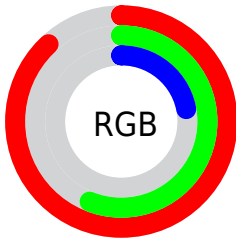
Format	Color
R _Y B	221, 225, 57
Decimal	14782009
CIE Lab	66.25, 24.68, 56.11
CIE LCh	66, 61.299, 66.260
Yxy	35.6490, 0.4839, 0.4161
Android (android.graphics.Color)	4292972089 (0xFFE18E39)
YUV	157.1270, -49.3626, 59.5246
Hunter-Lab	59.7068, 19.4710, 33.2880

Details

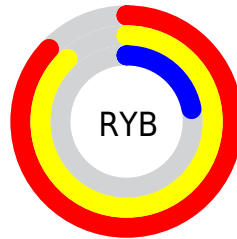
The YUV color **157.1270, -49.3626, 59.5246** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **124.8730, 49.3626, -59.5246**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7230, -46.6984, 44.9699**, and **102.4530, -50.5093, 53.9767** is the 20% darker color. If you saturate the color by 10%, you get **148.1620, -55.7889, 67.3869**, and if you desaturate by 10%, it is **166.0920, -42.9364, 51.6623**.

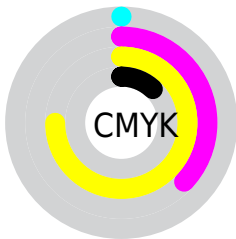
Distribution



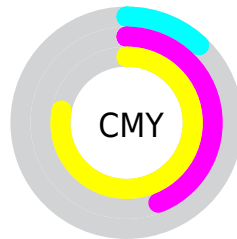
- Red (88%)
- Green (56%)
- Blue (22%)



- Red (87%)
- Yellow (88%)
- Blue (22%)



- Cyan (0%)
- Magenta (37%)
- Yellow (75%)
- Black (12%)



- Cyan (12%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.1270, -49.3626, 59.5246 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 157.1270, -49.3626, 59.5246 by changing the saturation by 10% instead.

157.1270,
-49.3626, 59.5246

157.1270,
-49.3626, 59.5246

255.0000, 0.0000,
0.0000

129.5180,
-49.0624, 56.5507

203.7230,
-46.6984, 44.9699

102.4530,
-50.5093, 53.9767

223.1230,
-43.4446, 27.9561

79.6940, -39.2891,
48.5034

243.3380,
-39.6066, 10.2276

57.5220, -28.3583,
42.5152

247.5900,
-28.3919, 6.4986

35.9370, -17.7169,
36.0123

250.8960,
-15.7247, 3.5992

15.2490, -7.5178,
31.3536

254.2020, -3.0576,

5.6810, -2.8007,

0.6998

11.6808

■ 0.0000, 0.0000,
0.0000

■ 157.1270,
-49.3626, 59.5246

■ 157.1270,
-49.3626, 59.5246

■ 148.1620,
-55.7889, 67.3869

■ 166.0920,
-42.9364, 51.6623

■ 139.0830,
-62.6519, 75.3492

■ 175.1710,
-36.0733, 43.7000

■ 134.1930,
-66.1571, 79.6377

■ 184.1360,
-29.6470, 35.8377

■ 193.2150,
-22.7840, 27.8754

■ 202.8810,
-16.2103, 19.3984

■ 211.8460, -9.7841,
11.5361

■ 220.8110, -3.3578,
3.6738

■ 229.8900, 3.5052,
-4.2885

■ 238.3990, 8.1843,
-11.7509

Harmonies

Analogous

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



158.5580, -29.3621, 84.5796



157.1270, -49.3626, 59.5246



153.1750, -55.7953, 22.6485

Triad

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



157.1270, -49.3626, 59.5246



129.8500, 20.2870, -113.8785



165.0760, 41.8675, 11.3343

Complementary

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



157.1270, -49.3626, 59.5246



124.8730, 49.3626, -59.5246

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.



143.2890, 55.0735, -71.2905



157.1270, -49.3626, 59.5246



134.8320, 44.4528, -118.2477

Square

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



157.1270, -49.3626, 59.5246



121.0040, -3.4530, -106.1205



134.1430, 59.5825, -117.6434



164.2000, 20.6074, 63.8456

Rectangle

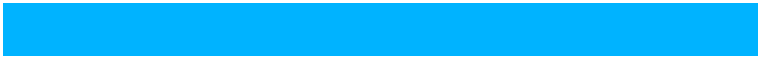
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



157.1270, -49.3626, 59.5246



149.5780, -47.1200, -6.6459



134.1430, 59.5825, -117.6434



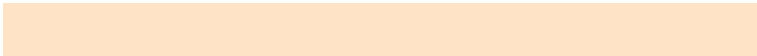
161.3830, 46.1532, -9.9829

Sweetspot

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



157.1270, -49.3626, 59.5246



232.1800, -16.3577, 20.0131



116.8080, 11.9267, 94.8844



114.1450, -9.9315, 12.1508



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.



157.1270, -49.3626, 59.5246



162.4490, -67.7624, 81.1672



205.8480, -73.3821, 16.7963



107.8110, -3.3578, 3.6738



104.8670, -51.6994, 62.3836



29.0270, -14.3103, 16.6393

Inverse Universe

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



124.8730, 49.3626, -59.5246



118.1380, 67.4730, -81.6820



76.1520, 73.3821, -16.7963



105.7760, 3.0684, -4.1886



71.1330, 51.6994, -62.3836



19.5600, 14.0209, -17.1541

Previews

White Background



This preview shows how the YUV color 157.1270, -49.3626, 59.5246 looks on a white background.

Color Contrast Check

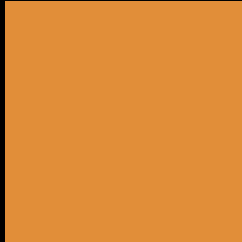
Large Text (above 18pt) WCAG AA × Fail

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 157.1270, -49.3626, 59.5246 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 157.1270, -49.3626, 59.5246

Background



This preview shows how black text looks on a background with the YUV color 157.1270, -49.3626, 59.5246.



This preview shows how white text looks on a background with the YUV color 157.1270, -49.3626, 59.5246.

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

157.1270, -49.3626, 59.5246

Protanopia

155.9820, -46.3331, 21.0638

Deuteranopia

156.2510, -50.9027, 40.1219



Tritanopia

163.1430, -9.9305, 58.6336

Trichromacy



Original Color

157.1270, -49.3626, 59.5246

Protanomaly

156.4290, -47.5395, 34.7038

Deuteranomaly

156.4090, -50.4876, 46.9993

Tritanomaly

160.7720, -24.0446, 58.9590

Monochromacy



Original Color

157.1270, -49.3626, 59.5246

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.4360, -17.9629, 21.5426

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.1270, -49.3626, 59.5246 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(225, 142, 57)` looks like.

```
.text, #text, p{  
    color:rgb(225, 142, 57)  
}
```

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(225, 142, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 142, 57) }
```

Border

The CSS property to change the border of an element to YUV 157.1270, -49.3626, 59.5246 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(225, 142, 57) }
```


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

```
.border{ border-color:rgb(225, 142, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 142, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 142, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 142, 57);  
box-shadow:4px 4px 4px 4px rgb(225, 142,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 157.1270, -49.3626, 59.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 142, 57) }
```

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

```
.background{ background-color: rgb(225,  
142, 57) }
```

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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