

Converting Colors

YUV(149.2000, -56.7936,
62.9686)

Have a look what the booklet for
YUV(149.2000, -56.7936, 62.9686)
contains.

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Color

**YUV(149.2000, -56.7936,
62.9686)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8722
RGB	221, 135, 34
RGB Percent	87%, 53%, 13%
CMY	0.1333, 0.4706, 0.8667
CMYK	0.00, 0.39, 0.85, 0.13
HSL	32°, 73%, 50%
HSV	32°, 85%, 87%
XYZ	38.7715, 32.8156, 5.8039
YIQ	149.2000, 83.6770, -13.1790

Conversions

Conversions Part 2

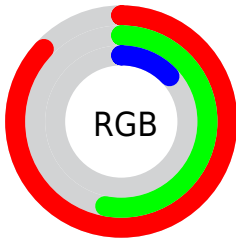
Format	Color
R _Y B	193, 221, 34
Decimal	14518050
CIE Lab	64.01, 25.94, 62.68
CIE LCh	64, 67.838, 67.517
Yxy	32.8156, 0.5010, 0.4240
Android (android.graphics.Color)	4292708130 (0xFFDD8722)
YUV	149.2000, -56.7936, 62.9686
Hunter-Lab	57.2849, 20.5636, 34.0923

Details

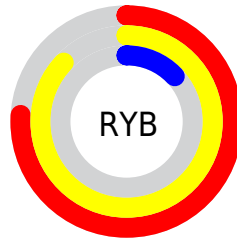
The YUV color **149.2000, -56.7936, 62.9686** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **105.8000, 56.7936, -62.9686**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3340, -53.4087, 50.5731**, and **97.7350, -48.1834, 54.6064** is the 20% darker color. If you saturate the color by 10%, you get **140.8220, -63.5092, 70.3161**, and if you desaturate by 10%, it is **157.5780, -50.0780, 55.6211**.

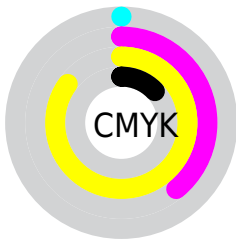
Distribution



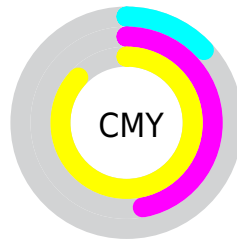
- Red (87%)
- Green (53%)
- Blue (13%)



- Red (76%)
- Yellow (87%)
- Blue (13%)



- Cyan (0%)
- Magenta (39%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2000, -56.7936, 62.9686 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 149.2000, -56.7936, 62.9686 by changing the saturation by 10% instead.

149.2000,
-56.7936, 62.9686

149.2000,
-56.7936, 62.9686

255.0000, 0.0000,
0.0000

120.7930,
-59.5509, 60.6945

197.3340,
-53.4087, 50.5731

97.7350, -48.1834,
54.6064

216.2610,
-49.4287, 33.9741

74.6770, -36.8158,
48.5183

236.3620,
-46.0275, 16.3455

52.5050, -25.8850,
42.5301

245.3100,
-37.1278, 8.4981

30.3330, -14.9542,
36.5420

248.6160,
-24.4607, 5.5988

14.0530, -6.9281,
28.8945

251.8080,

0.0000, 0.0000,

-12.2303, 2.7994

0.0000

■ 149.2000,
-56.7936, 62.9686

■ 149.2000,
-56.7936, 62.9686

■ 140.8220,
-63.5092, 70.3161

■ 157.5780,
-50.0780, 55.6211

■ 135.9320,
-67.0145, 74.6046

■ 165.9560,
-43.3623, 48.2736

■ 174.3340,
-36.6467, 40.9261

■ 183.2990,
-30.2204, 33.0638

■ 191.7910,
-23.0680, 25.6163

■ 200.1690,
-16.3523, 18.2688

■ 208.5470, -9.6367,
10.9213

■ 216.9250, -2.9210,
3.5738

■ 225.3030, 3.7946,
-3.7737

Harmonies

Analogous

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



149.8040, -32.4414, 92.2569



149.2000, -56.7936, 62.9686



143.2880, -70.6410, 24.3034

Triad

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



149.2000, -56.7936, 62.9686



126.6870, 20.8603, -111.1045



158.8360, 45.9299, 15.0528

Complementary

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



149.2000, -56.7936, 62.9686



105.8000, 56.7936, -62.9686

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.



121.2290, 65.9491, -106.3178



149.2000, -56.7936, 62.9686



132.8260, 46.9208, -116.4884

Square

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



149.2000, -56.7936, 62.9686



117.7440, -5.7898, -103.2615



131.2080, 61.0295, -115.0694



156.2380, 23.0537, 72.5823

Rectangle

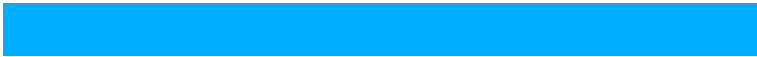
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



149.2000, -56.7936, 62.9686



141.0200, -54.2399, -9.6645



131.2080, 61.0295, -115.0694



154.8930, 49.3528, -9.5532

Sweetspot

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



149.2000, -56.7936, 62.9686



230.6810, -19.5627, 21.3278



99.8310, 10.4363, 106.2652



112.9880, -11.8261, 13.1655



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.



149.2000, -56.7936, 62.9686



157.2510, -77.5247, 85.7259



197.8880, -80.7968, 15.0072



105.8110, -3.3578, 3.6738



106.9050, -52.7042, 57.9653



28.4290, -14.0155, 15.4098

Inverse Universe

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



105.8000, 56.7936, -62.9686



97.7490, 77.5247, -85.7259



57.1120, 80.7968, -15.0072



103.1890, 3.3578, -3.6738



66.6820, 52.4148, -58.4801



17.5710, 14.0155, -15.4098

Previews

White Background



This preview shows how the YUV color 149.2000, -56.7936, 62.9686 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 149.2000, -56.7936, 62.9686 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 149.2000, -56.7936, 62.9686

Background



This preview shows how black text looks on a background with the YUV color 149.2000, -56.7936, 62.9686.



This preview shows how white text looks on a background with the YUV color 149.2000, -56.7936, 62.9686.

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

149.2000, -56.7936, 62.9686

Protanopia

148.3430, -53.9061, 23.3782

Deuteranopia

148.5580, -59.9281, 41.6066



Tritanopia

156.9260, -10.8095, 60.5779

Trichromacy



Original Color

149.2000, -56.7936, 62.9686

Protanomaly

148.5020, -54.9705, 38.1477

Deuteranomaly

148.6560, -58.4974, 49.4137

Tritanomaly

153.8710, -27.5444, 61.5031

Monochromacy



Original Color

149.2000, -56.7936, 62.9686

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0510, -20.7311, 22.7573

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2000, -56.7936, 62.9686 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(221, 135, 34)` looks like.

```
.text, #text, p{  
    color:rgb(221, 135, 34)  
}
```

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(221, 135, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 135, 34) }
```

Border

The CSS property to change the border of an element to YUV 149.2000, -56.7936, 62.9686 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(221, 135, 34) }
```


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

```
.border{ border-color:rgb(221, 135, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 135, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 135, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 135, 34);  
box-shadow:4px 4px 4px 4px rgb(221, 135,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 149.2000, -56.7936, 62.9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 135, 34) }
```

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

```
.background{ background-color: rgb(221,  
135, 34) }
```

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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