

Converting Colors

YUV(148.4450, -58.3934,
62.7537)

Have a look what the booklet for
YUV(148.4450, -58.3934, 62.7537)
contains.

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Color

**YUV(148.4450, -58.3934,
62.7537)**

Conversions

Conversions Part 1

Format	Color
Hex	DC871E
RGB	220, 135, 30
RGB Percent	86%, 53%, 12%
CMY	0.1373, 0.4706, 0.8824
CMYK	0.00, 0.39, 0.86, 0.14
HSL	33°, 76%, 49%
HSV	33°, 86%, 86%
XYZ	38.4135, 32.6373, 5.5033
YIQ	148.4450, 84.3650, -14.6350

Conversions

Conversions Part 2

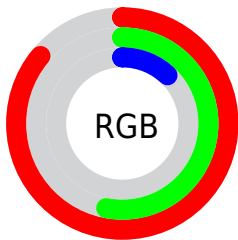
Format	Color
RYB	184, 220, 30
Decimal	14452510
CIELab	63.87, 25.42, 63.75
CIELCh	64, 68.636, 68.259
Yxy	32.6373, 0.5018, 0.4263
Android (android.graphics.Color)	4292642590 (0xFFDC871E)
YUV	148.4450, -58.3934, 62.7537
Hunter-Lab	57.1291, 20.0472, 34.2789

Details

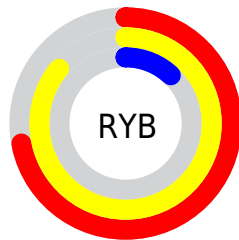
The YUV color **148.4450, -58.3934, 62.7537** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **101.5550, 58.3934, -62.7537**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.9920, -54.7191, 50.8730**, and **97.4360, -48.0359, 53.9916** is the 20% darker color. If you saturate the color by 10%, you get **140.0670, -65.1090, 70.1012**, and if you desaturate by 10%, it is **156.8230, -51.6777, 55.4062**.

Distribution



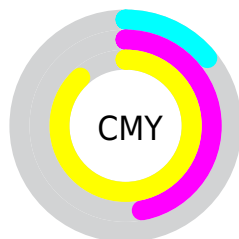
- Red (86%)
- Green (53%)
- Blue (12%)



- Red (72%)
- Yellow (86%)
- Blue (12%)



- Cyan (0%)
- Magenta (39%)
- Yellow (86%)
- Black (14%)



- Cyan (14%)
- Magenta (47%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.4450, -58.3934, 62.7537 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 148.4450, -58.3934, 62.7537 by changing the saturation by 10% instead.


 148.4450,
-58.3934, 62.7537


 148.4450,
-58.3934, 62.7537


255.0000, 0.0000,
0.0000


 120.4940,
-59.4035, 60.0798


 196.9920,
-54.7191, 50.8730

 97.4360, -48.0359,
53.9916


 215.9190,
-50.7391, 34.2740


 74.3780, -36.6684,
47.9035

 236.0200,
-47.3379, 16.6455

 52.2060, -25.7376,
41.9153

 245.0820,
-38.0014, 8.6981

 30.9200, -15.2436,
36.0272

 248.2740,
-25.7711, 5.8987

 13.7540, -6.7807,
28.2797

 251.4660,

 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.8860, -0.4368,
0.1000

■ 148.4450,
-58.3934, 62.7537

■ 148.4450,
-58.3934, 62.7537

■ 140.0670,
-65.1090, 70.1012

■ 156.8230,
-51.6777, 55.4062

■ 137.3940,
-67.7352, 72.4455

■ 165.2010,
-44.9621, 48.0587

■ 173.5790,
-38.2464, 40.7112

■ 181.3700,
-31.2414, 33.8785

■ 189.7480,
-24.5258, 26.5310

■ 198.1260,
-17.8101, 19.1835

■ 206.5040,
-11.0945, 11.8360

■ 214.8820, -4.3788,
4.4885

■ 223.2600, 2.3368,
-2.8590

Harmonies

Analogous

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



149.2770, -33.1676, 91.8421



148.4450, -58.3934, 62.7537



142.6900, -70.3462, 23.0739

Triad

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



148.4450, -58.3934, 62.7537



126.8010, 21.2971, -111.2045



158.8470, 45.9244, 16.7972

Complementary

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



148.4450, -58.3934, 62.7537



101.5550, 58.3934, -62.7537

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.



123.0340, 65.0592, -100.8848



148.4450, -58.3934, 62.7537



132.3530, 47.6470, -116.0736

Square

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



148.4450, -58.3934, 62.7537



117.8580, -5.3530, -103.3615



130.6210, 61.3188, -114.5546



155.4340, 22.4640, 75.0414

Rectangle

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



148.4450, -58.3934, 62.7537



139.8950, -54.6712, -11.3089



130.6210, 61.3188, -114.5546



154.9040, 49.3473, -7.8088

Sweetspot

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



148.4450, -58.3934, 62.7537



229.8660, -20.1469, 22.0425



96.5000, 9.1205, 108.3095



112.8740, -12.2629, 13.2655



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.



148.4450, -58.3934, 62.7537



159.0120, -78.3929, 84.1815



195.6490, -81.6650, 13.4628



105.8110, -3.3578, 3.6738



108.0790, -53.2829, 56.9357



28.4290, -14.0155, 15.4098

Inverse Universe

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



101.5550, 58.3934, -62.7537



95.9880, 78.3929, -84.1815



54.6500, 81.5175, -12.8481



103.1890, 3.3578, -3.6738



65.5080, 52.9936, -57.4505



17.5710, 14.0155, -15.4098

Previews

White Background



This preview shows how the YUV color 148.4450, -58.3934, 62.7537 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 148.4450, -58.3934, 62.7537 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 148.4450, -58.3934, 62.7537

Background



This preview shows how black text looks on a background with the YUV color 148.4450, -58.3934, 62.7537.



This preview shows how white text looks on a background with the YUV color 148.4450, -58.3934,

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

148.4450, -58.3934, 62.7537

Protanopia

147.5880, -55.5059, 23.1633

Deuteranopia

147.4010, -61.8227, 42.6213



Tritanopia

156.6270, -10.6621, 59.9631

Trichromacy



Original Color

148.4450, -58.3934, 62.7537

Protanomaly

147.7470, -56.5703, 37.9329

Deuteranomaly

148.0860, -60.6814, 49.9136

Tritanomaly

153.4580, -27.8338, 60.9883

Monochromacy



Original Color

148.4450, -58.3934, 62.7537

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.9370, -21.1679, 22.8573

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4450, -58.3934, 62.7537 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(220, 135, 30)` looks like.

```
.text, #text, p{  
    color:rgb(220, 135, 30)  
}
```

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(220, 135, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 135, 30) }
```

Border

The CSS property to change the border of an element to YUV 148.4450, -58.3934, 62.7537 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(220, 135, 30) }
```


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

```
.border{ border-color:rgb(220, 135, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 135, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 135, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 135, 30);  
box-shadow:4px 4px 4px 4px rgb(220, 135,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 148.4450, -58.3934, 62.7537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 135, 30) }
```

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

```
.background{ background-color: rgb(220,  
135, 30) }
```

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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