

Converting Colors

YUV(148.2340, -61.7404,
62.9388)

Have a look what the booklet for
YUV(148.2340, -61.7404, 62.9388)
contains.

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Color

**YUV(148.2340, -61.7404,
62.9388)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8817
RGB	220, 136, 23
RGB Percent	86%, 53%, 9%
CMY	0.1373, 0.4667, 0.9098
CMYK	0.00, 0.38, 0.90, 0.14
HSL	34°, 81%, 48%
HSV	34°, 90%, 86%
XYZ	38.4740, 32.8858, 5.1304
YIQ	148.2340, 86.3370, -17.3350

Conversions

Conversions Part 2

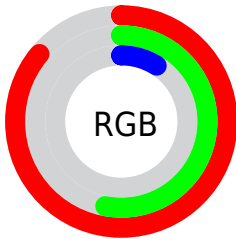
Format	Color
RYB	169, 220, 23
Decimal	14452759
CIELab	64.07, 24.75, 65.81
CIElCh	64, 70.310, 69.394
Yxy	32.8858, 0.5030, 0.4299
Android (android.graphics.Color)	4292642839 (0xFFDC8817)
YUV	148.2340, -61.7404, 62.9388
Hunter-Lab	57.3462, 19.4013, 34.8380

Details

The YUV color **148.2340, -61.7404, 62.9388** 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 **94.7660, 61.7404, -62.9388**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1230, -56.7556, 50.7581**, and **98.0230, -48.3253, 53.4768** is the 20% darker color. If you saturate the color by 10%, you get **140.4430, -68.7454, 69.7715**, and if you desaturate by 10%, it is **156.0250, -54.7353, 56.1061**.

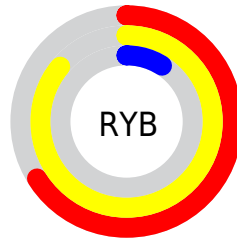
Distribution



Red (86%)

Green (53%)

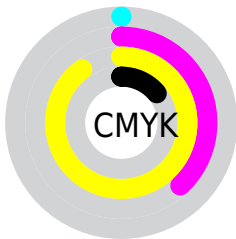
Blue (9%)



Red (66%)

Yellow (86%)

Blue (9%)

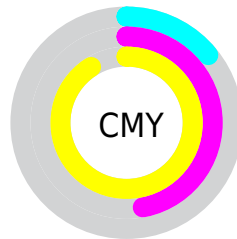


Cyan (0%)

Magenta (38%)

Yellow (90%)

Black (14%)



Cyan (14%)

Magenta (47%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.2340, -61.7404, 62.9388 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 148.2340, -61.7404, 62.9388 by changing the saturation by 10% instead.


 148.2340,
-61.7404, 62.9388


 148.2340,
-61.7404, 62.9388


255.0000, 0.0000,
0.0000


 121.0810,
-59.6929, 59.5650


 197.1230,
-56.7556, 50.7581

 98.0230, -48.3253,
53.4768


 216.0500,
-52.7756, 34.1592

 74.9650, -36.9577,
47.3887


 236.1510,
-49.3744, 16.5306

 52.7930, -26.0269,
41.4005

 244.6260,
-39.7486, 9.0980

 31.2080, -15.3855,
34.8976

 247.8180,
-27.5183, 6.2986

 13.7540, -6.7807,
28.2797

 251.1240,

 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 148.2340,
-61.7404, 62.9388

■ 148.2340,
-61.7404, 62.9388

■ 140.4430,
-68.7454, 69.7715

■ 156.0250,
-54.7353, 56.1061

■ 139.7420,
-68.8928, 70.3863

■ 164.4030,
-48.0197, 48.7586

■ 172.1940,
-41.0146, 41.9259

■ 180.5720,
-34.2990, 34.5784

■ 188.3630,
-27.2940, 27.7456

■ 196.1540,
-20.2889, 20.9129

■ 204.5320,
-13.5733, 13.5654

■ 212.3230, -6.5682,
6.7327

■ 220.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



149.2340, -34.6254, 92.7568



148.2340, -61.7404, 62.9388



143.2660, -70.6301, 20.8147

Triad

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



148.2340, -61.7404, 62.9388



127.8440, 22.7549, -112.1192



158.9830, 46.3504, 20.1859

Complementary

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



148.2340, -61.7404, 62.9388



94.7660, 61.7404, -62.9388

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.



126.3230, 63.4378, -94.1223



148.2340, -61.7404, 62.9388



133.5100, 49.5416, -117.0883

Square

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



148.2340, -61.7404, 62.9388



118.5590, -5.2056, -103.9762



131.2080, 61.0295, -115.0694



155.4560, 22.4532, 78.5301

Rectangle

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



148.2340, -61.7404, 62.9388



139.3570, -55.3920, -13.4681



131.2080, 61.0295, -115.0694



155.5130, 49.0471, -4.8349

Sweetspot

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



148.2340, -61.7404, 62.9388



230.1110, -21.7467, 21.8277



91.5930, 8.0887, 112.6129



112.7600, -12.6997, 13.3655



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.



148.2340, -61.7404, 62.9388



161.9470, -79.8399, 81.6075



193.6550, -84.1329, 11.7036



105.8110, -3.3578, 3.6738



109.8400, -54.1511, 55.3913



29.0160, -14.3049, 14.8950

Inverse Universe

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



94.7660, 61.7404, -62.9388



93.0530, 79.8399, -81.6075



49.3450, 84.1329, -11.7036



102.6020, 3.6472, -3.1590



63.1600, 54.1511, -55.3913



16.9840, 14.3049, -14.8950

Previews

White Background



This preview shows how the YUV color 148.2340, -61.7404, 62.9388 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 148.2340, -61.7404, 62.9388 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 148.2340, -61.7404, 62.9388

Background



This preview shows how black text looks on a background with the YUV color 148.2340, -61.7404, 62.9388.



This preview shows how white text looks on a background with the YUV color 148.2340, -61.7404, 62.9388.

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

148.2340, -61.7404, 62.9388

Protanopia

147.2030, -58.2741, 24.3780

Deuteranopia

146.8050, -67.9379, 44.0210



Tritanopia

157.3280, -10.5147, 59.3483

Trichromacy



Original Color

148.2340, -61.7404, 62.9388

Protanomaly

147.6500, -59.4805, 38.0179

Deuteranomaly

147.4190, -65.7756, 50.4985

Tritanomaly

153.8170, -28.9968, 60.6735

Monochromacy



Original Color

148.2340, -61.7404, 62.9388

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.2960, -22.3309, 22.5424

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.2340, -61.7404, 62.9388 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, 136, 23)` looks like.

```
.text, #text, p{  
    color:rgb(220, 136, 23)  
}
```

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, 136, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 136, 23) }
```

Border

The CSS property to change the border of an element to YUV 148.2340, -61.7404, 62.9388 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, 136, 23) }
```


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

```
.border{ border-color:rgb(220, 136, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 136, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 136, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 136, 23);  
box-shadow:4px 4px 4px 4px rgb(220, 136,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 148.2340, -61.7404, 62.9388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 136, 23) }
```

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

```
.background{ background-color: rgb(220,  
136, 23) }
```

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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