

Converting Colors

YUV(148.8790, -36.4223,
62.3731)

Have a look what the booklet for
YUV(148.8790, -36.4223, 62.3731)
contains.

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Color

**YUV(148.8790, -36.4223,
62.3731)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7F4B
RGB	220, 127, 75
RGB Percent	86%, 50%, 29%
CMY	0.1373, 0.5020, 0.7059
CMYK	0.00, 0.42, 0.66, 0.14
HSL	22°, 67%, 58%
HSV	22°, 66%, 86%
XYZ	38.3746, 30.9024, 10.5988
YIQ	148.8790, 72.1200, 3.5440

Conversions

Conversions Part 2

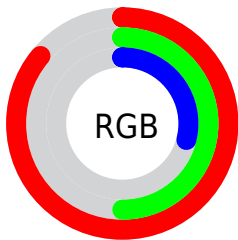
Format	Color
R _Y B	220, 156, 75
Decimal	14450507
CIE Lab	62.43, 31.51, 43.21
CIE LCh	62, 53.482, 53.903
Yxy	30.9024, 0.4804, 0.3869
Android (android.graphics.Color)	4292640587 (0xFFDC7F4B)
YUV	148.8790, -36.4223, 62.3731
Hunter-Lab	55.5899, 25.9389, 27.6087

Details

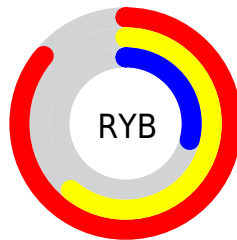
The YUV color **148.8790, -36.4223, 62.3731** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **146.1210, 36.4223, -62.3731**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.7420, -35.3688, 51.0923**, and **95.5300, -33.7853, 56.5402** is the 20% darker color. If you saturate the color by 10%, you get **138.1530, -41.9804, 71.7798**, and if you desaturate by 10%, it is **159.6050, -30.8643, 52.9664**.

Distribution



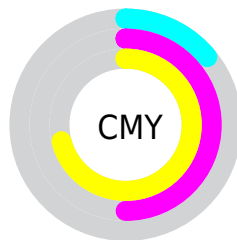
- Red (86%)
- Green (50%)
- Blue (29%)



- Red (86%)
- Yellow (61%)
- Blue (29%)



- Cyan (0%)
- Magenta (42%)
- Yellow (66%)
- Black (14%)



- Cyan (14%)
- Magenta (50%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.8790, -36.4223, 62.3731 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 148.8790, -36.4223, 62.3731 by changing the saturation by 10% instead.


 148.8790,
-36.4223, 62.3731


 148.8790,
-36.4223, 62.3731


255.0000, 0.0000,
0.0000


 121.9110,
-34.9591, 59.7141


 196.7420,
-35.3688, 51.0923

 95.5300, -33.7853,
56.5402


 215.6690,
-31.3888, 34.4933

 69.8070, -33.9219,
53.6663


 235.7700,
-27.9876, 16.8647

 46.9340, -23.1385,
48.2929

 249.5280,
-20.9663, 4.7989

 23.0010, -11.3395,
43.8491

 252.7200, -8.7360,
1.9996

 14.3520, -7.0755,
29.5093

 0.0000, 0.0000,

0.0000

■ 148.8790,
-36.4223, 62.3731

■ 148.8790,
-36.4223, 62.3731

■ 138.1530,
-41.9804, 71.7798

■ 159.6050,
-30.8643, 52.9664

■ 127.4270,
-47.5385, 81.1865

■ 170.3310,
-25.3062, 43.5597

■ 116.7010,
-53.0966, 90.5932

■ 181.0570,
-19.7481, 34.1530

■ 112.1530,
-55.2914, 94.5818

■ 191.7830,
-14.1900, 24.7463

■ 203.0960, -8.9213,
14.8248

■ 213.8220, -3.3632,
5.4181

■ 224.5480, 2.1948,
-3.9886

■ 235.2740, 7.7529,
-13.3953

■ 243.9480, 5.4486,
-21.0024

Harmonies

Analogous

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



150.0160, -17.2629, 77.1620



148.8790, -36.4223, 62.3731



146.5430, -47.1027, 34.6038

Triad

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



148.8790, -36.4223, 62.3731



117.9840, 10.3609, -103.4720



151.4490, 42.6696, -12.6718

Complementary

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



148.8790, -36.4223, 62.3731



146.1210, 36.4223, -62.3731

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.



121.2630, 61.0023, -106.3477



148.8790, -36.4223, 62.3731



123.5700, 31.7640, -108.3709

Square

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



148.8790, -36.4223, 62.3731



133.7250, -20.0774, -47.1168



125.6680, 49.9567, -110.2108



155.5990, 25.3407, 38.9397

Rectangle

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



148.8790, -36.4223, 62.3731



143.5570, -45.1376, 10.9125



125.6680, 49.9567, -110.2108



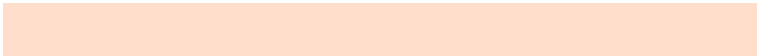
146.8590, 47.3975, -35.8333

Sweetspot

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



148.8790, -36.4223, 62.3731



229.8150, -12.7268, 22.0872



129.0710, 19.6850, 79.7447



112.7260, -7.7529, 13.3953



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.



148.8790, -36.4223, 62.3731



156.3630, -50.4650, 86.5046



190.5560, -56.9691, 25.8224



104.6370, -2.7790, 4.7034



88.1210, -43.4437, 74.4389



23.1460, -11.4110, 20.0430

Inverse Universe

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



146.1210, 36.4223, -62.3731



152.6370, 50.4650, -86.5046



104.4440, 56.9691, -25.8224



104.3630, 2.7790, -4.7034



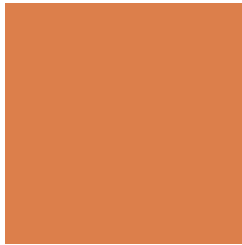
84.8790, 43.4437, -74.4389



22.2670, 11.7004, -19.5282

Previews

White Background



This preview shows how the YUV color 148.8790, -36.4223, 62.3731 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 148.8790, -36.4223, 62.3731 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 148.8790, -36.4223, 62.3731

Background



This preview shows how black text looks on a background with the YUV color 148.8790, -36.4223, 62.3731.



This preview shows how white text looks on a background with the YUV color 148.8790, -36.4223,

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

148.8790, -36.4223, 62.3731

Protanopia

148.0320, -32.0608, 16.6349

Deuteranopia

148.5350, -38.2248, 33.7338



Tritanopia

152.4100, -11.5411, 61.9074

Trichromacy



Original Color

148.8790, -36.4223, 62.3731

Protanomaly

148.0880, -33.5674, 33.2488

Deuteranomaly

148.7150, -37.8205, 44.0999

Tritanomaly

151.0050, -20.7085, 62.2626

Monochromacy



Original Color

148.8790, -36.4223, 62.3731

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0000, -13.3110, 22.8020

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.8790, -36.4223, 62.3731 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, 127, 75)` looks like.

```
.text, #text, p{  
    color:rgb(220, 127, 75)  
}
```

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, 127, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 127, 75) }
```

Border

The CSS property to change the border of an element to YUV 148.8790, -36.4223, 62.3731 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, 127, 75) }
```


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

```
.border{ border-color:rgb(220, 127, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 127, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 127, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 127, 75);  
box-shadow:4px 4px 4px 4px rgb(220, 127,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 148.8790, -36.4223, 62.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 127, 75) }
```

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

```
.background{ background-color: rgb(220,  
127, 75) }
```

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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