

Converting Colors

YUV(142.2750, -37.1106,
49.7478)

Have a look what the booklet for
YUV(142.2750, -37.1106, 49.7478)
contains.

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Color

**YUV(142.2750, -37.1106,
49.7478)**

Conversions

Conversions Part 1

Format	Color
Hex	C78043
RGB	199, 128, 67
RGB Percent	78%, 50%, 26%
CMY	0.2196, 0.4980, 0.7373
CMYK	0.00, 0.36, 0.66, 0.22
HSL	28°, 54%, 52%
HSV	28°, 66%, 78%
XYZ	32.2855, 27.9857, 9.0103
YIQ	142.2750, 61.8970, -3.9190

Conversions

Conversions Part 2

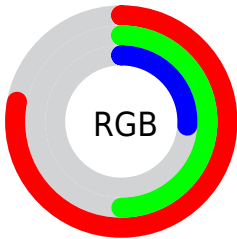
Format	Color
RYB	199, 180, 67
Decimal	13074499
CIELab	59.88, 21.82, 43.67
CIElCh	60, 48.812, 63.453
Yxy	27.9857, 0.4660, 0.4039
Android (android.graphics.Color)	4291264579 (0xFFC78043)
YUV	142.2750, -37.1106, 49.7478
Hunter-Lab	52.9015, 16.3598, 26.9326

Details

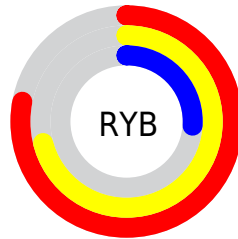
The YUV color **142.2750, -37.1106, 49.7478** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **123.7250, 37.1106, -49.7478**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8300, -38.8632, 51.8921**, and **89.9970, -35.4945, 44.7296** is the 20% darker color. If you saturate the color by 10%, you get **133.5380, -42.6632, 57.4102**, and if you desaturate by 10%, it is **151.0120, -31.5579, 42.0855**.

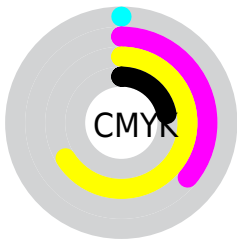
Distribution



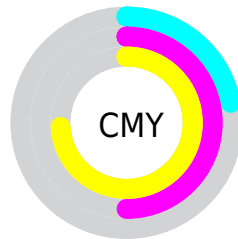
- Red (78%)
- Green (50%)
- Blue (26%)



- Red (78%)
- Yellow (71%)
- Blue (26%)



- Cyan (0%)
- Magenta (36%)
- Yellow (66%)
- Black (22%)



- Cyan (22%)
- Magenta (50%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2750, -37.1106, 49.7478 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 142.2750, -37.1106, 49.7478 by changing the saturation by 10% instead.

■ 142.2750,
-37.1106, 49.7478

■ 142.2750,
-37.1106, 49.7478

■ 255.0000, 0.0000,
0.0000

■ 116.1930,
-36.0841, 47.1887

■ 195.8300,
-38.8632, 51.8921

■ 89.9970, -35.4945,
44.7296

■ 215.2300,
-35.6094, 34.8783

■ 65.7730, -32.4261,
40.5411

■ 234.7440,
-31.9188, 17.7645

■ 44.7860, -22.0795,
35.2677

■ 248.5020,
-24.8975, 5.6987

■ 23.5000, -11.5855,
29.3795

■ 251.6940,
-12.6671, 2.8994

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,

0.0000

■ 142.2750,
-37.1106, 49.7478

■ 142.2750,
-37.1106, 49.7478

■ 133.5380,
-42.6632, 57.4102

■ 151.0120,
-31.5579, 42.0855

■ 125.3880,
-48.5053, 64.5577

■ 159.1620,
-25.7159, 34.9379

■ 116.6510,
-54.0579, 72.2201

■ 167.8990,
-20.1632, 27.2756

■ 113.5050,
-55.9580, 74.9791

■ 176.6360,
-14.6105, 19.6132

■ 185.3730, -9.0579,
11.9509

■ 193.4090, -3.6526,
4.9033

■ 202.1460, 1.9000,
-2.7590

■ 210.8830, 7.4527,
-10.4214

■ 219.0330, 13.2947,
-17.5689

Harmonies

Analogous

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



143.6960, -22.0351, 67.7956



142.2750, -37.1106, 49.7478



139.7200, -42.2600, 21.2936

Triad

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



142.2750, -37.1106, 49.7478



114.3140, 16.6072, -100.2534



147.2680, 33.8849, 5.0270

Complementary

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



142.2750, -37.1106, 49.7478



123.7250, 37.1106, -49.7478

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.



133.7380, 47.4572, -55.0212



142.2750, -37.1106, 49.7478



118.5150, 35.2421, -103.9377

Square

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



142.2750, -37.1106, 49.7478



124.8790, -10.2933, -58.6529



118.4130, 50.0824, -103.8482



147.8790, 17.3147, 46.5871

Rectangle

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



142.2750, -37.1106, 49.7478



136.5430, -37.2427, -1.3532



118.4130, 50.0824, -103.8482



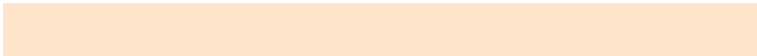
145.0100, 38.4491, -12.2868

Sweetspot

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



142.2750, -37.1106, 49.7478



233.3370, -14.4631, 18.9985



114.7900, 12.4285, 73.8522



114.4870, -8.6211, 11.8509



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.



142.2750, -37.1106, 49.7478



167.1740, -57.2738, 77.0234



179.8430, -55.6316, 16.8007



95.0390, -2.4842, 3.4738



92.7620, -45.7317, 61.5987



20.1560, -9.9369, 13.8952

Inverse Universe

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



123.7250, 37.1106, -49.7478



138.8260, 57.2738, -77.0234



86.1570, 55.6316, -16.8007



93.9610, 2.4842, -3.4738



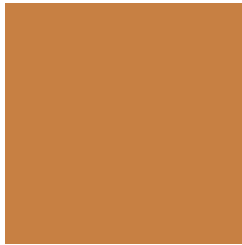
70.2380, 45.7317, -61.5987



15.2570, 10.2263, -13.3804

Previews

White Background



This preview shows how the YUV color 142.2750, -37.1106, 49.7478 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 142.2750, -37.1106, 49.7478 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.2750, -37.1106, 49.7478

Background



This preview shows how black text looks on a background with the YUV color 142.2750, -37.1106, 49.7478.



This preview shows how white text looks on a background with the YUV color 142.2750, -37.1106,

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

142.2750, -37.1106, 49.7478

Protanopia

141.1630, -34.0974, 16.5200

Deuteranopia

141.9370, -37.9299, 32.5043



Tritanopia

146.5440, -8.1562, 49.5119

Trichromacy



Original Color

142.2750, -37.1106, 49.7478

Protanomaly

141.5990, -35.2983, 28.4157

Deuteranomaly

141.7960, -37.3674, 38.7669

Tritanomaly

145.3840, -18.9233, 49.6522

Monochromacy



Original Color

142.2750, -37.1106, 49.7478

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.2660, -13.4421, 18.1837

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2750, -37.1106, 49.7478 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(199, 128, 67)` looks like.

```
.text, #text, p{  
    color:rgb(199, 128, 67)  
}
```

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(199, 128, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 128, 67) }
```

Border

The CSS property to change the border of an element to YUV 142.2750, -37.1106, 49.7478 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(199, 128, 67) }
```


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

```
.border{ border-color:rgb(199, 128, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 128, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 128, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 128, 67);  
box-shadow:4px 4px 4px 4px rgb(199, 128,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 142.2750, -37.1106, 49.7478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 128, 67) }
```

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

```
.background{ background-color: rgb(199,  
128, 67) }
```

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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