

Converting Colors

YUV(149.5530, -42.1776,
41.6110)

Have a look what the booklet for
YUV(149.5530, -42.1776, 41.6110)
contains.

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Color

**YUV(149.5530, -42.1776,
41.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	C58E40
RGB	197, 142, 64
RGB Percent	77%, 56%, 25%
CMY	0.2275, 0.4431, 0.7490
CMYK	0.00, 0.28, 0.68, 0.23
HSL	35°, 53%, 51%
HSV	35°, 68%, 77%
XYZ	33.6244, 31.5865, 9.1751
YIQ	149.5530, 57.8180, -12.5980

Conversions

Conversions Part 2

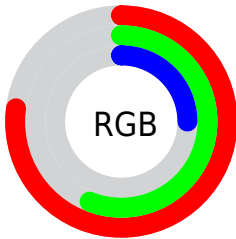
Format	Color
RYB	158, 197, 64
Decimal	12947008
CIELab	63.00, 13.11, 48.52
CIELCh	63, 50.263, 74.883
Yxy	31.5865, 0.4520, 0.4246
Android (android.graphics.Color)	4291137088 (0xFFC58E40)
YUV	149.5530, -42.1776, 41.6110
Hunter-Lab	56.2019, 8.4395, 29.6621

Details

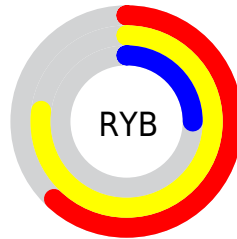
The YUV color **149.5530, -42.1776, 41.6110** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **111.4470, 42.1776, -41.6110**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4070, -44.0777, 44.3701**, and **96.7050, -42.7456, 37.0927** is the 20% darker color. If you saturate the color by 10%, you get **142.5770, -48.5985, 47.7290**, and if you desaturate by 10%, it is **156.5290, -35.7568, 35.4931**.

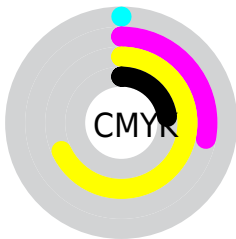
Distribution



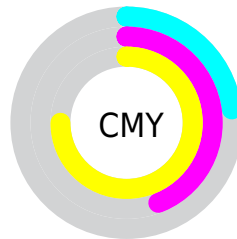
- Red (77%)
- Green (56%)
- Blue (25%)



- Red (62%)
- Yellow (77%)
- Blue (25%)



- Cyan (0%)
- Magenta (28%)
- Yellow (68%)
- Black (23%)



- Cyan (23%)
- Magenta (44%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.5530, -42.1776, 41.6110 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 149.5530, -42.1776, 41.6110 by changing the saturation by 10% instead.

■ 149.5530,
-42.1776, 41.6110

■ 149.5530,
-42.1776, 41.6110

■ 255.0000, 0.0000,
0.0000

■ 122.7700,
-41.2986, 39.6667

■ 204.4070,
-44.0777, 44.3701

■ 96.7050, -42.7456,
37.0927

■ 223.8070,
-40.8239, 27.3563

■ 73.1050, -36.0408,
33.2339

■ 243.4350,
-36.6965, 10.1425

■ 52.1180, -25.6942,
27.9605

■ 248.2740,
-25.7711, 5.8987

■ 31.7180, -15.6370,
22.1723

■ 251.5800,
-13.1039, 2.9993

■ 9.8670, -4.8644,
20.2876

254.8860, -0.4368,

■ 0.0000, 0.0000,

0.1000

0.0000

■ 149.5530,
-42.1776, 41.6110

■ 149.5530,
-42.1776, 41.6110

■ 142.5770,
-48.5985, 47.7290

■ 156.5290,
-35.7568, 35.4931

■ 135.7150,
-54.5825, 53.7469

■ 163.3910,
-29.7728, 29.4751

■ 128.7390,
-61.0033, 59.8649

■ 170.3670,
-23.3519, 23.3571

■ 126.9950,
-62.6085, 61.3944

■ 177.9300,
-17.2205, 16.7244

■ 184.9060,
-10.7997, 10.6064

■ 191.7680, -4.8156,
4.5885

■ 198.7440, 1.6052,
-1.5295

■ 205.7200, 8.0260,
-7.6474

■ 212.5820, 14.0101,
-13.6654

Harmonies

Analogous

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



151.0240, -29.5918, 64.8770



149.5530, -42.1776, 41.6110



146.0560, -41.9326, 9.5979

Triad

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



149.5530, -42.1776, 41.6110



122.5610, 25.3594, -107.4860



157.1240, 29.0259, 23.5703

Complementary

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



149.5530, -42.1776, 41.6110



111.4470, 42.1776, -41.6110

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.



149.9800, 43.8869, -29.8005



149.5530, -42.1776, 41.6110



125.3600, 43.6995, -109.9407

Square

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



149.5530, -42.1776, 41.6110



117.3390, 5.2559, -99.3983



123.4000, 56.4978, -108.2218



155.5340, 10.5827, 59.1677

Rectangle

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



149.5530, -42.1776, 41.6110



142.5950, -32.8313, -16.3078



123.4000, 56.4978, -108.2218



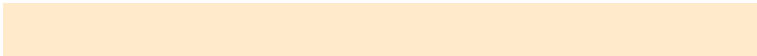
156.1050, 34.4582, 7.8009

Sweetspot

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



149.5530, -42.1776, 41.6110



236.8590, -16.1995, 15.9097



110.0370, 4.4188, 76.2666



116.8350, -9.7787, 9.7917



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.



149.5530, -42.1776, 41.6110



181.5070, -65.8190, 64.4534



178.5490, -56.4727, 6.5345



95.6260, -2.7736, 2.9590



105.0890, -51.8089, 50.7879



23.0910, -11.3839, 11.3212

Inverse Universe

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



111.4470, 42.1776, -41.6110



122.0800, 65.5296, -64.9682



82.4510, 56.4727, -6.5345



93.3740, 2.7736, -2.9590



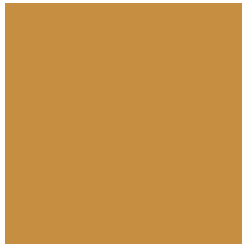
57.9110, 51.8089, -50.7879



12.9090, 11.3839, -11.3212

Previews

White Background



This preview shows how the YUV color 149.5530, -42.1776, 41.6110 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 149.5530, -42.1776, 41.6110 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 149.5530, -42.1776, 41.6110

Background



This preview shows how black text looks on a background with the YUV color 149.5530, -42.1776, 41.6110.



This preview shows how white text looks on a background with the YUV color 149.5530, -42.1776, 41.6110.

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

149.5530, -42.1776, 41.6110

Protanopia

148.2790, -40.0705, 19.0493

Deuteranopia

149.1070, -42.4508, 35.8632



Tritanopia

155.7710, -5.8031, 41.4198

Trichromacy



Original Color

149.5530, -42.1776, 41.6110

Protanomaly

148.8070, -40.8239, 27.3563

Deuteranomaly

149.4170, -42.6036, 38.2223

Tritanomaly

153.6280, -19.0436, 41.5452

Monochromacy



Original Color

149.5530, -42.1776, 41.6110

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.7880, -15.1785, 15.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.5530, -42.1776, 41.6110 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(197, 142, 64)` looks like.

```
.text, #text, p{  
    color:rgb(197, 142, 64)  
}
```

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(197, 142, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 142, 64) }
```

Border

The CSS property to change the border of an element to YUV 149.5530, -42.1776, 41.6110 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(197, 142, 64) }
```


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

```
.border{ border-color:rgb(197, 142, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 142, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 142, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 142, 64);  
box-shadow:4px 4px 4px 4px rgb(197, 142,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 149.5530, -42.1776, 41.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 142, 64) }
```

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

```
.background{ background-color: rgb(197,  
142, 64) }
```

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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