

Converting Colors

YUV(169.5330, -48.5768,
40.7516)

Have a look what the booklet for
YUV(169.5330, -48.5768, 40.7516)
contains.

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Color

**YUV(169.5330, -48.5768,
40.7516)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A547
RGB	216, 165, 71
RGB Percent	85%, 65%, 28%
CMY	0.1529, 0.3529, 0.7216
CMYK	0.00, 0.24, 0.67, 0.15
HSL	39°, 65%, 56%
HSV	39°, 67%, 85%
XYZ	42.9114, 41.9641, 11.7994
YIQ	169.5330, 60.5700, -18.4220

Conversions

Conversions Part 2

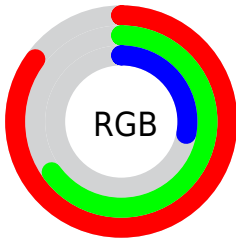
Format	Color
RYB	150, 216, 71
Decimal	14198087
CIELab	70.85, 9.24, 54.38
CIELCh	71, 55.161, 80.361
Yxy	41.9641, 0.4439, 0.4341
Android (android.graphics.Color)	4292388167 (0xFFD8A547)
YUV	169.5330, -48.5768, 40.7516
Hunter-Lab	64.7797, 4.8774, 34.5463

Details

The YUV color **169.5330, -48.5768, 40.7516** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **117.4670, 48.5768, -40.7516**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4070, -47.5287, 31.2151**, and **114.8700, -49.7289, 36.9480** is the 20% darker color. If you saturate the color by 10%, you get **162.3290, -55.8712, 47.0695**, and if you desaturate by 10%, it is **176.7370, -41.2823, 34.4337**.

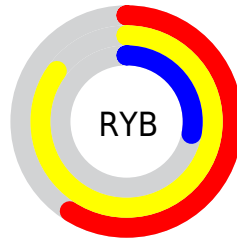
Distribution



Red (85%)

Green (65%)

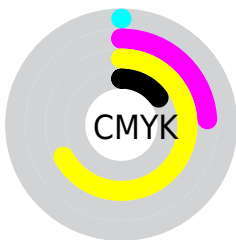
Blue (28%)



Red (59%)

Yellow (85%)

Blue (28%)

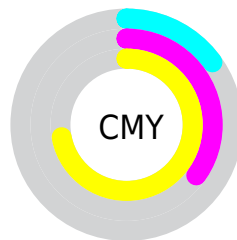


Cyan (0%)

Magenta (24%)

Yellow (67%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.5330, -48.5768, 40.7516 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 169.5330, -48.5768, 40.7516 by changing the saturation by 10% instead.

■ 169.5330,
-48.5768, 40.7516

■ 169.5330,
-48.5768, 40.7516

■ 255.0000, 0.0000,
0.0000

■ 142.3370,
-47.9871, 38.2925

■ 219.4070,
-47.5287, 31.2151

■ 114.8700,
-49.7289, 36.9480

■ 238.9210,
-43.8381, 14.1013

■ 90.8140, -44.7713,
33.4891

■ 246.2220,
-33.6334, 7.6983

■ 68.9410, -33.9879,
28.1157

■ 249.4140,
-21.4031, 4.8989

■ 47.9540, -23.6413,
22.8423

■ 252.7200, -8.7360,
1.9996

■ 28.4400, -14.0209,
17.1541

■ 6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,
0.0000

■ 169.5330,
-48.5768, 40.7516

■ 169.5330,
-48.5768, 40.7516

■ 162.3290,
-55.8712, 47.0695

■ 176.7370,
-41.2823, 34.4337

■ 155.8260,
-63.0182, 52.7726

■ 183.2400,
-34.1353, 28.7305

■ 148.6220,
-70.3126, 59.0905

■ 190.4440,
-26.8409, 22.4126

■ 146.7640,
-72.3547, 60.7200

■ 196.9470,
-19.6939, 16.7095

■ 204.1510,
-12.3994, 10.3916

■ 211.3550, -5.1050,
4.0737

■ 217.8580, 2.0420,
-1.6295

■ 225.0620, 9.3364,
-7.9474

■ 230.4250, 12.1155,
-12.6507

Harmonies

Analogous

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



171.9230, -36.4440, 69.3505



169.5330, -48.5768, 40.7516



165.2140, -44.9685, 3.3203

Triad

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



169.5330, -48.5768, 40.7516



139.8240, 33.1178, -122.6256



178.3150, 29.4247, 35.6807

Complementary

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



169.5330, -48.5768, 40.7516



117.4670, 48.5768, -40.7516

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.



171.6500, 41.0916, -19.8640



169.5330, -48.5768, 40.7516



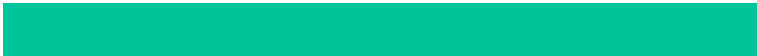
142.3780, 53.0576, -124.8655

Square

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



169.5330, -48.5768, 40.7516



133.3090, 10.6937, -116.9120



137.0780, 58.1355, -120.2174



175.6170, 8.0768, 69.6189

Rectangle

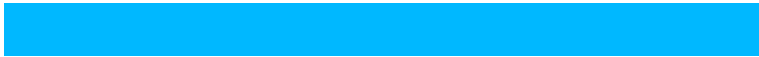
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169.5330, -48.5768, 40.7516



160.7140, -33.3830, -26.0592



137.0780, 58.1355, -120.2174



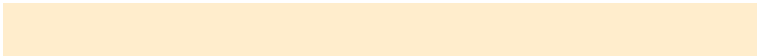
178.1110, 35.4413, 19.1967

Sweetspot

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



169.5330, -48.5768, 40.7516



238.6200, -17.0677, 14.3653



120.3970, 1.7763, 83.8438



118.0090, -10.3574, 8.7621



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.



169.5330, -48.5768, 40.7516



188.5510, -69.2916, 58.2758



193.7890, -60.5350, 2.8160



103.3980, -3.6472, 3.1590



116.2860, -57.3290, 47.9842



29.2930, -14.4414, 12.0210

Inverse Universe

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



117.4670, 48.5768, -40.7516



114.4490, 69.2916, -58.2758



93.2110, 60.5350, -2.8160



99.6020, 3.6472, -3.1590



54.7140, 57.3290, -47.9842



13.7070, 14.4414, -12.0210

Previews

White Background



This preview shows how the YUV color 169.5330, -48.5768, 40.7516 looks on a white background.

Color Contrast Check

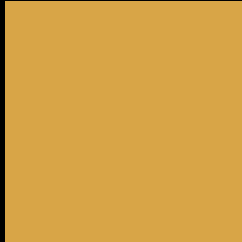
Large Text (above 18pt) WCAG AA × Fail

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 169.5330, -48.5768, 40.7516 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 169.5330, -48.5768, 40.7516 Background



This preview shows how black text looks on a background with the YUV color 169.5330, -48.5768, 40.7516.



This preview shows how white text looks on a background with the YUV color 169.5330, -48.5768, 40.7516.

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

169.5330, -48.5768, 40.7516

Protanopia

168.2810, -46.4805, 21.6786

Deuteranopia

169.5330, -48.5768, 40.7516



Tritanopia

176.7000, -4.7821, 40.6051

Trichromacy



Original Color

169.5330, -48.5768, 40.7516

Protanomaly

168.7980, -47.2284, 28.2412

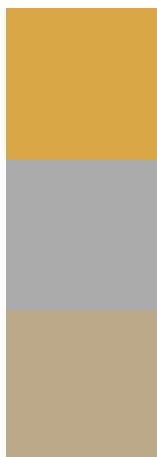
Deuteranomaly

169.5330, -48.5768, 40.7516

Tritanomaly

174.1610, -20.7854, 40.2008

Monochromacy



Original Color

169.5330, -48.5768, 40.7516

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8050, -17.6519, 15.0800

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.5330, -48.5768, 40.7516 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(216, 165, 71)` looks like.

```
.text, #text, p{  
    color:rgb(216, 165, 71)  
}
```

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(216, 165, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 165, 71) }
```

Border

The CSS property to change the border of an element to YUV 169.5330, -48.5768, 40.7516 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(216, 165, 71) }
```


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

```
.border{ border-color:rgb(216, 165, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 165, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 165, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 165, 71);  
box-shadow:4px 4px 4px 4px rgb(216, 165,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 169.5330, -48.5768, 40.7516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 165, 71) }
```

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

```
.background{ background-color: rgb(216,  
165, 71) }
```

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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