

Converting Colors

YUV(166.4830, -49.5381,
22.3784)

Have a look what the booklet for
YUV(166.4830, -49.5381, 22.3784)
contains.

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Color

**YUV(166.4830, -49.5381,
22.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	C0AD42
RGB	192, 173, 66
RGB Percent	75%, 68%, 26%
CMY	0.2471, 0.3216, 0.7412
CMYK	0.00, 0.10, 0.66, 0.25
HSL	51°, 50%, 51%
HSV	51°, 66%, 75%
XYZ	37.6652, 41.4870, 11.1769
YIQ	166.4830, 45.6710, -29.2490

Conversions

Conversions Part 2

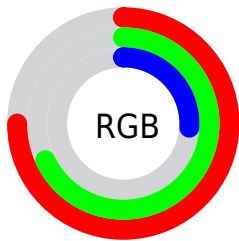
Format	Color
RYB	88, 192, 66
Decimal	12627266
CIELab	70.52, -5.66, 55.52
CIELCh	71, 55.808, 95.816
Yxy	41.4870, 0.4170, 0.4593
Android (android.graphics.Color)	4290817346 (0xFFC0AD42)
YUV	166.4830, -49.5381, 22.3784
Hunter-Lab	64.4104, -8.3369, 34.7989

Details

The YUV color **166.4830, -49.5381, 22.3784** is a dark color, and the websafe version is hex **999933**. The color can be described as middle muted orange. A complement of this color would be **91.5170, 49.5381, -22.3784**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.4510, -51.0013, 25.0375**, and **111.6200, -54.0427, 20.5043** is the 20% darker color. If you saturate the color by 10%, you get **162.5560, -56.9691, 25.8224**, and if you desaturate by 10%, it is **170.4100, -42.1071, 18.9344**.

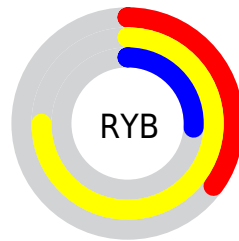
Distribution



Red (75%)

Green (68%)

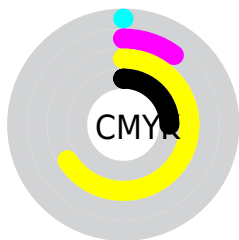
Blue (26%)



Red (35%)

Yellow (75%)

Blue (26%)

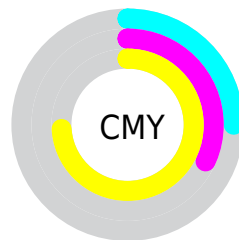


Cyan (0%)

Magenta (10%)

Yellow (66%)

Black (25%)



Cyan (25%)

Magenta (32%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4830, -49.5381, 22.3784 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 166.4830, -49.5381, 22.3784 by changing the saturation by 10% instead.

■ 166.4830,
-49.5381, 22.3784

■ 166.4830,
-49.5381, 22.3784

■ 255.0000, 0.0000,
0.0000

■ 139.4720,
-49.5327, 20.6341

■ 222.4510,
-51.0013, 25.0375

■ 111.6200,
-54.0427, 20.5043

■ 242.5740,
-47.6110, 10.8976

■ 88.6440, -43.7015,
16.9752

■ 245.6520,
-35.8174, 8.1982

■ 67.0700, -33.0655,
12.2166

■ 248.9580,
-23.1503, 5.2988

■ 46.3820, -22.8663,
7.5580

■ 252.1500,
-10.9200, 2.4994

■ 26.5800, -13.1039,
2.9993

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 166.4830,
-49.5381, 22.3784

■ 166.4830,
-49.5381, 22.3784

■ 162.5560,
-56.9691, 25.8224

■ 170.4100,
-42.1071, 18.9344

■ 158.6290,
-64.4001, 29.2664

■ 174.3370,
-34.6761, 15.4905

■ 154.5880,
-72.2679, 32.8103

■ 178.3780,
-26.8084, 11.9465

■ 153.0890,
-75.4729, 34.1249

■ 182.3050,
-19.3774, 8.5025

■ 185.6450,
-11.6570, 5.5733

■ 189.5720, -4.2260,
2.1294

■ 193.4990, 3.2050,
-1.3146

■ 197.5400, 11.0728,
-4.8586

■ 201.4670, 18.5038,
-8.3026

Harmonies

Analogous

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



169.9570, -44.8418, 56.1657



166.4830, -49.5381, 22.3784



161.1340, -37.0411, -19.4115

Triad

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



166.4830, -49.5381, 22.3784



141.2720, 43.7429, -123.8955



176.9990, 18.7345, 57.8829

Complementary

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



166.4830, -49.5381, 22.3784



91.5170, 49.5381, -22.3784

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.



176.5660, 38.6680, 10.9046



166.4830, -49.5381, 22.3784



140.0130, 56.6886, -122.7914

Square

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



166.4830, -49.5381, 22.3784



136.8600, 21.7610, -120.0262



160.4990, 46.5890, -56.5656



170.1910, -2.5592, 74.3775

Rectangle

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



166.4830, -49.5381, 22.3784



154.2790, -20.3505, -52.8647



160.4990, 46.5890, -56.5656



177.7460, 25.7612, 44.0728

Sweetspot

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



166.4830, -49.5381, 22.3784



239.6040, -19.5248, 9.1173



106.0680, -9.4005, 75.3624



118.6450, -11.6570, 5.5733



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.4830, -49.5381, 22.3784



209.8180, -77.8043, 35.2396



165.0780, -48.8455, -13.2234



94.6860, -3.7892, 2.0294



127.9710, -63.0897, 28.9664



26.3030, -12.9674, 5.8733

Inverse Universe

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



91.5170, 49.5381, -22.3784



92.1820, 77.8043, -35.2396



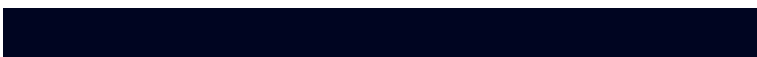
92.9220, 48.8455, 13.2234



89.3140, 3.7892, -2.0294



32.4420, 63.3791, -28.4516



6.6970, 12.9674, -5.8733

Previews

White Background



This preview shows how the YUV color 166.4830, -49.5381, 22.3784 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 166.4830, -49.5381, 22.3784 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 166.4830, -49.5381, 22.3784 Background



This preview shows how black text looks on a background with the YUV color 166.4830, -49.5381, 22.3784.



This preview shows how white text looks on a background with the YUV color 166.4830, -49.5381, 22.3784.

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

166.4830, -49.5381, 22.3784

Protanopia

166.4830, -49.5381, 22.3784

Deuteranopia

168.4190, -49.0136, 40.8515



Tritanopia

175.1430, -0.0705, 22.6766

Trichromacy



Original Color

166.4830, -49.5381, 22.3784

Protanomaly

166.4830, -49.5381, 22.3784

Deuteranomaly

167.6740, -49.1393, 34.4889

Tritanomaly

172.0340, -18.2578, 22.7722

Monochromacy



Original Color

166.4830, -49.5381, 22.3784

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3480, -17.9196, 7.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4830, -49.5381, 22.3784 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(192, 173, 66)` looks like.

```
.text, #text, p{  
    color:rgb(192, 173, 66)  
}
```

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(192, 173, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 173, 66) }
```

Border

The CSS property to change the border of an element to YUV 166.4830, -49.5381, 22.3784 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(192, 173, 66) }
```


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

```
.border{ border-color:rgb(192, 173, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 173, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 173, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 173, 66);  
box-shadow:4px 4px 4px 4px rgb(192, 173,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 166.4830, -49.5381, 22.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 173, 66) }
```

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

```
.background{ background-color: rgb(192,  
173, 66) }
```

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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