

Converting Colors

YUV(170.2760, -42.0411,
44.4849)

Have a look what the booklet for
YUV(170.2760, -42.0411, 44.4849)
contains.

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Color

**YUV(170.2760, -42.0411,
44.4849)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA155
RGB	221, 161, 85
RGB Percent	87%, 63%, 33%
CMY	0.1333, 0.3686, 0.6667
CMYK	0.00, 0.27, 0.62, 0.13
HSL	34°, 67%, 60%
HSV	34°, 62%, 87%
XYZ	44.2034, 41.5178, 14.2783
YIQ	170.2760, 60.1560, -10.9160

Conversions

Conversions Part 2

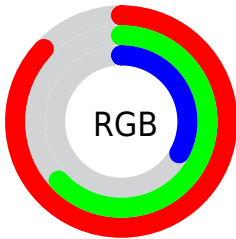
Format	Color
RYB	192, 221, 85
Decimal	14524757
CIELab	70.54, 14.38, 47.59
CIELCh	71, 49.717, 73.188
Yxy	41.5178, 0.4420, 0.4152
Android (android.graphics.Color)	4292714837 (0xFFDDA155)
YUV	170.2760, -42.0411, 44.4849
Hunter-Lab	64.4343, 9.6950, 31.9657

Details

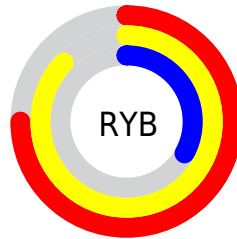
The YUV color **170.2760, -42.0411, 44.4849** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **135.7240, 42.0411, -44.4849**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6550, -40.2559, 31.8746**, and **116.9980, -40.4250, 39.4668** is the 20% darker color. If you saturate the color by 10%, you get **161.8980, -48.7567, 51.8325**, and if you desaturate by 10%, it is **178.6540, -35.3254, 37.1374**.

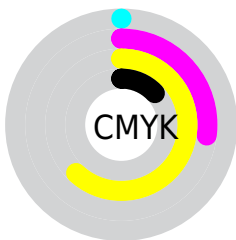
Distribution



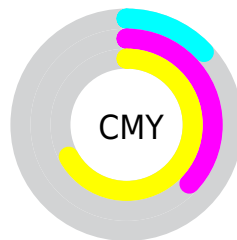
- Red (87%)
- Green (63%)
- Blue (33%)



- Red (75%)
- Yellow (87%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (62%)
- Black (13%)



- Cyan (13%)
- Magenta (37%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2760, -42.0411, 44.4849 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 170.2760, -42.0411, 44.4849 by changing the saturation by 10% instead.

■ 170.2760,
-42.0411, 44.4849

■ 170.2760,
-42.0411, 44.4849

■ 255.0000, 0.0000,
0.0000

■ 143.1940,
-41.0146, 41.9259

■ 218.6550,
-40.2559, 31.8746

■ 116.9980,
-40.4250, 39.4668

■ 238.1690,
-36.5653, 14.7608

■ 90.5310, -42.1668,
38.1223

■ 247.7040,
-27.9551, 6.3986

■ 68.0880, -33.5674,
33.2488

■ 251.0100,
-15.2879, 3.4992

■ 46.8020, -23.0734,
27.3606

■ 254.3160, -2.6208,
0.5999

■ 26.7010, -13.1636,
22.1872

■ 8.6710, -4.2748,

17.8285

■ 0.0000, 0.0000,
0.0000

■ 170.2760,
-42.0411, 44.4849

■ 170.2760,
-42.0411, 44.4849

■ 161.8980,
-48.7567, 51.8325

■ 178.6540,
-35.3254, 37.1374

■ 154.1070,
-55.7618, 58.6652

■ 186.4450,
-28.3204, 30.3047

■ 145.7290,
-62.4774, 66.0127

■ 194.8230,
-21.6047, 22.9572

■ 138.2800,
-68.1720, 72.5454

■ 203.2010,
-14.8891, 15.6097

■ 211.5790, -8.1734,
8.2622

■ 219.4840, -0.7316,
1.3295

■ 227.8620, 5.9840,
-6.0180

■ 235.4420, 9.6421,
-12.6656

■ 241.3120, 6.7482,
-17.8136

Harmonies

Analogous

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



172.4480, -29.3079, 67.1361



170.2760, -42.0411, 44.4849



166.3660, -42.0854, 11.9570

Triad

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



170.2760, -42.0411, 44.4849



136.9400, 27.1446, -120.0964



177.4550, 30.3417, 21.5260

Complementary

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



170.2760, -42.0411, 44.4849



135.7240, 42.0411, -44.4849

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.



168.9260, 42.4345, -30.6301



170.2760, -42.0411, 44.4849



139.8530, 45.9215, -122.6511

Square

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



170.2760, -42.0411, 44.4849



148.3480, -1.6506, -77.4812



137.0780, 58.1355, -120.2174



176.4630, 11.6037, 58.3529

Rectangle

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



170.2760, -42.0411, 44.4849



162.9760, -34.0052, -13.1340



137.0780, 58.1355, -120.2174



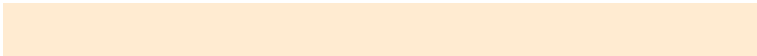
176.0230, 35.4847, 5.2418

Sweetspot

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



170.2760, -42.0411, 44.4849



238.0160, -14.3049, 14.8950



132.6180, 6.5973, 77.5110



117.0630, -8.9051, 9.5917



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.



170.2760, -42.0411, 44.4849



184.7330, -58.5354, 61.6242



203.4030, -58.3727, 9.2936



105.8110, -3.3578, 3.6738



108.6660, -53.5723, 56.4209



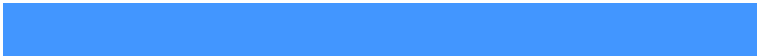
29.0160, -14.3049, 14.8950

Inverse Universe

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



135.7240, 42.0411, -44.4849



136.8540, 58.2460, -62.1390



102.5970, 58.3727, -9.2936



103.1890, 3.3578, -3.6738



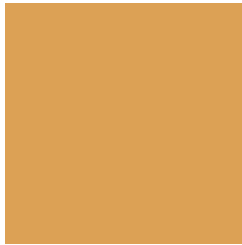
64.9210, 53.2829, -56.9357



16.9840, 14.3049, -14.8950

Previews

White Background



This preview shows how the YUV color 170.2760, -42.0411, 44.4849 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 170.2760, -42.0411, 44.4849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

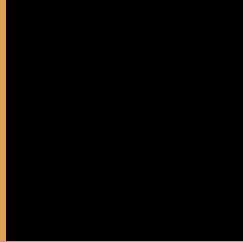
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.2760, -42.0411, 44.4849

Background



This preview shows how black text looks on a background with the YUV color 170.2760, -42.0411, 44.4849.



This preview shows how white text looks on a background with the YUV color 170.2760, -42.0411, 44.4849.

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

170.2760, -42.0411, 44.4849

Protanopia

168.8060, -39.3444, 19.4641

Deuteranopia

170.1180, -42.4562, 37.6075



Tritanopia

175.7930, -5.8139, 44.9085

Trichromacy



Original Color

170.2760, -42.0411, 44.4849

Protanomaly

169.6330, -40.2451, 28.3859

Deuteranomaly

170.4280, -42.6090, 39.9666

Tritanomaly

173.6500, -19.0544, 45.0340

Monochromacy



Original Color

170.2760, -42.0411, 44.4849

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.3860, -15.4733, 16.3245

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2760, -42.0411, 44.4849 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(221, 161, 85)` looks like.

```
.text, #text, p{  
    color:rgb(221, 161, 85)  
}
```

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(221, 161, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 161, 85) }
```

Border

The CSS property to change the border of an element to YUV 170.2760, -42.0411, 44.4849 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(221, 161, 85) }
```


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

```
.border{ border-color:rgb(221, 161, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 161, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 161, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 161, 85);  
box-shadow:4px 4px 4px 4px rgb(221, 161,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 170.2760, -42.0411, 44.4849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 161, 85) }
```

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

```
.background{ background-color: rgb(221,  
161, 85) }
```

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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