

Converting Colors

YUV(170.1530, -35.5714,
22.6678)

Have a look what the booklet for
YUV(170.1530, -35.5714, 22.6678)
contains.

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Color

**YUV(170.1530, -35.5714,
22.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AB62
RGB	196, 171, 98
RGB Percent	77%, 67%, 38%
CMY	0.2314, 0.3294, 0.6157
CMYK	0.00, 0.13, 0.50, 0.23
HSL	45°, 45%, 58%
HSV	45°, 50%, 77%
XYZ	39.5325, 41.7434, 17.5290
YIQ	170.1530, 38.3330, -17.4030

Conversions

Conversions Part 2

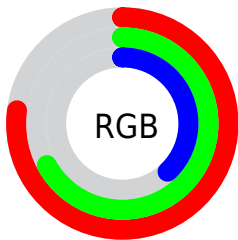
Format	Color
RYB	132, 196, 98
Decimal	12888930
CIELab	70.69, -0.45, 40.67
CIELCh	71, 40.674, 90.635
Yxy	41.7434, 0.4001, 0.4225
Android (android.graphics.Color)	4291079010 (0xFFC4AB62)
YUV	170.1530, -35.5714, 22.6678
Hunter-Lab	64.6092, -3.8470, 29.1406

Details

The YUV color **170.1530, -35.5714, 22.6678** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **123.8470, 35.5714, -22.6678**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7080, -37.3240, 24.8121**, and **117.2990, -33.6714, 19.9088** is the 20% darker color. If you saturate the color by 10%, you get **164.9380, -42.8604, 27.2414**, and if you desaturate by 10%, it is **175.3680, -28.2824, 18.0943**.

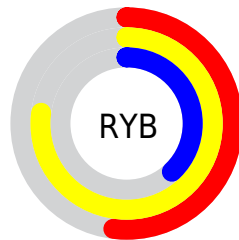
Distribution



Red (77%)

Green (67%)

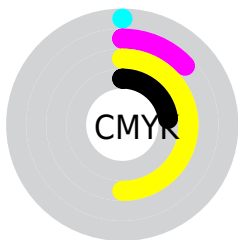
Blue (38%)



Red (52%)

Yellow (77%)

Blue (38%)

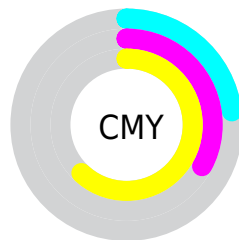


Cyan (0%)

Magenta (13%)

Yellow (50%)

Black (23%)



Cyan (23%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1530, -35.5714, 22.6678 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 170.1530, -35.5714, 22.6678 by changing the saturation by 10% instead.

■ 170.1530,
-35.5714, 22.6678

■ 170.1530,
-35.5714, 22.6678

255.0000, 0.0000,
0.0000

■ 143.6690,
-34.8398, 21.3383

■ 225.7080,
-37.3240, 24.8121

■ 117.2990,
-33.6714, 19.9088

■ 246.1080,
-34.0702, 7.7983

■ 91.7010, -33.3766,
18.6792

■ 249.3000,
-21.8399, 4.9989

■ 67.6900, -33.3712,
16.9349

■ 252.6060, -9.1728,
2.0995

■ 47.3010, -23.3194,
12.8910

■ 27.4990, -13.5570,
8.3324

■ 2.6580, -1.3104,

0.2999

0.0000, 0.0000,
0.0000

170.1530,
-35.5714, 22.6678

170.1530,
-35.5714, 22.6678

164.9380,
-42.8604, 27.2414

175.3680,
-28.2824, 18.0943

159.8370,
-49.7126, 31.7150

180.4690,
-21.4302, 13.6207

154.6220,
-57.0016, 36.2885

185.6840,
-14.1412, 9.0471

149.5210,
-63.8539, 40.7621

190.7850, -7.2890,
4.5736

144.3060,
-71.1429, 45.3356

196.0000, 0.0000,
0.0000

■ 201.2150, 7.2890,
-4.5736

■ 206.3160, 14.1412,
-9.0471

■ 211.5310, 21.4302,
-13.6207

■ 214.4660, 19.9833,
-16.1947

Harmonies

Analogous

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



172.7460, -31.4268, 46.7038



170.1530, -35.5714, 22.6678



166.3880, -28.7853, -7.3563

Triad

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



170.1530, -35.5714, 22.6678



136.5300, 35.7277, -119.7368



177.7700, 15.8894, 37.0357

Complementary

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



170.1530, -35.5714, 22.6678



123.8470, 35.5714, -22.6678

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.



175.9210, 30.1119, 1.8233



170.1530, -35.5714, 22.6678



147.8610, 43.9455, -95.4711

Square

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



170.1530, -35.5714, 22.6678



149.1700, 11.7482, -81.7101



166.7520, 39.5623, -42.7555



176.7220, -1.3419, 57.2488

Rectangle

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



170.1530, -35.5714, 22.6678



162.2910, -18.3845, -30.0732



166.7520, 39.5623, -42.7555



177.6700, 20.8687, 26.5994

Sweetspot

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



170.1530, -35.5714, 22.6678



244.7980, -13.7044, 8.9472



130.2660, -3.0891, 57.6487



121.8560, -8.3100, 5.3883



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.



170.1530, -35.5714, 22.6678



214.6650, -55.5438, 35.3738



177.9510, -39.4158, -4.3420



94.0990, -3.4998, 2.5442



118.5790, -58.4594, 37.2032



24.5420, -12.0992, 7.4177

Inverse Universe

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



123.8470, 35.5714, -22.6678



142.3350, 55.5438, -35.3738



116.0490, 39.4158, 4.3420



89.9010, 3.4998, -2.5442



42.4210, 58.4594, -37.2032



8.4580, 12.0992, -7.4177

Previews

White Background



This preview shows how the YUV color 170.1530, -35.5714, 22.6678 looks on a white background.

Color Contrast Check

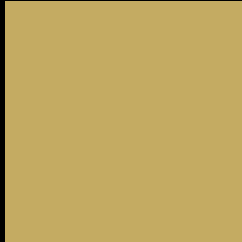
Large Text (above 18pt) WCAG AA × Fail

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 170.1530, -35.5714, 22.6678 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 170.1530, -35.5714, 22.6678

Background



This preview shows how black text looks on a background with the YUV color 170.1530, -35.5714, 22.6678.

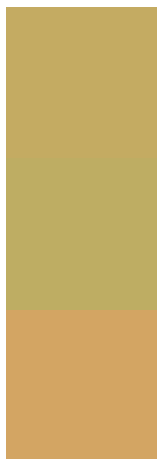


This preview shows how white text looks on a background with the YUV color 170.1530, -35.5714, 22.6678.

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

170.1530, -35.5714, 22.6678

Protanopia

169.6470, -34.8290, 17.8496

Deuteranopia

171.2300, -35.6094, 34.8783



Tritanopia

175.7410, -0.3653, 23.9061

Trichromacy



Original Color

170.1530, -35.5714, 22.6678

Protanomaly

169.6580, -34.8344, 19.5939

Deuteranomaly

170.9090, -35.4511, 30.7748

Tritanomaly

173.4130, -13.0216, 23.3168

Monochromacy



Original Color

170.1530, -35.5714, 22.6678

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.7270, -12.6834, 8.1324

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1530, -35.5714, 22.6678 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(196, 171, 98)` looks like.

```
.text, #text, p{  
    color:rgb(196, 171, 98)  
}
```

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(196, 171, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 171, 98) }
```

Border

The CSS property to change the border of an element to YUV 170.1530, -35.5714, 22.6678 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(196, 171, 98) }
```


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

```
.border{ border-color:rgb(196, 171, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 171, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 171, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 171, 98);  
box-shadow:4px 4px 4px 4px rgb(196, 171,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 170.1530, -35.5714, 22.6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 171, 98) }
```

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

```
.background{ background-color: rgb(196,  
171, 98) }
```

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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