

Converting Colors

YUV(162.2770, -30.2096,
29.5751)

Have a look what the booklet for
YUV(162.2770, -30.2096, 29.5751)
contains.

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Color

**YUV(162.2770, -30.2096,
29.5751)**

Conversions

Conversions Part 1

Format	Color
Hex	C49D65
RGB	196, 157, 101
RGB Percent	77%, 62%, 40%
CMY	0.2314, 0.3843, 0.6039
CMYK	0.00, 0.20, 0.48, 0.23
HSL	35°, 45%, 58%
HSV	35°, 48%, 77%
XYZ	37.1709, 36.7893, 17.4538
YIQ	162.2770, 41.2200, -9.1480

Conversions

Conversions Part 2

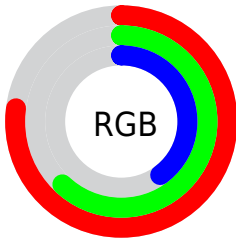
Format	Color
RYB	167, 196, 101
Decimal	12885349
CIELab	67.12, 7.37, 34.66
CIElCh	67, 35.439, 77.991
Yxy	36.7893, 0.4066, 0.4024
Android (android.graphics.Color)	4291075429 (0xFFC49D65)
YUV	162.2770, -30.2096, 29.5751
Hunter-Lab	60.6542, 3.2459, 25.3966

Details

The YUV color **162.2770, -30.2096, 29.5751** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **134.7230, 30.2096, -29.5751**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2450, -31.6728, 32.2341**, and **110.1240, -28.1621, 26.2013** is the 20% darker color. If you saturate the color by 10%, you get **155.3010, -36.6304, 35.6930**, and if you desaturate by 10%, it is **169.2530, -23.7887, 23.4571**.

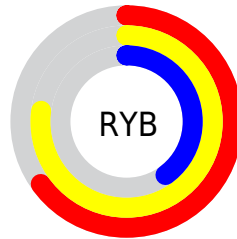
Distribution



Red (77%)

Green (62%)

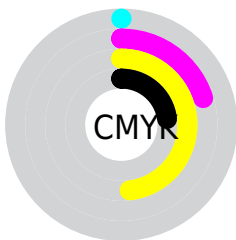
Blue (40%)



Red (65%)

Yellow (77%)

Blue (40%)

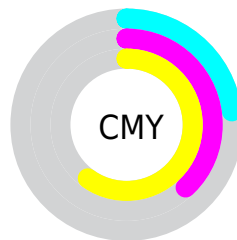


Cyan (0%)

Magenta (20%)

Yellow (48%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.2770, -30.2096, 29.5751 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 162.2770, -30.2096, 29.5751 by changing the saturation by 10% instead.

■ 162.2770,
-30.2096, 29.5751

■ 162.2770,
-30.2096, 29.5751

255.0000, 0.0000,
0.0000

■ 135.7930,
-29.4779, 28.2455

■ 217.2450,
-31.6728, 32.2341

■ 110.1240,
-28.1621, 26.2013

■ 237.6450,
-28.4190, 15.2203

■ 85.2270, -27.7199,
24.3569

■ 249.6420,
-20.5295, 4.6990

■ 61.2160, -27.7145,
22.6126

■ 252.8340, -8.2992,
1.8996

■ 40.2570, -19.8467,
19.0686

■ 21.0420, -10.3737,
13.9952

■ 0.0000, 0.0000,

0.0000

■ 162.2770,
-30.2096, 29.5751

■ 162.2770,
-30.2096, 29.5751

■ 155.3010,
-36.6304, 35.6930

■ 169.2530,
-23.7887, 23.4571

■ 148.4390,
-42.6144, 41.7110

■ 176.1150,
-17.8047, 17.4391

■ 141.4630,
-49.0353, 47.8289

■ 183.0910,
-11.3839, 11.3212

■ 134.6010,
-55.0193, 53.8469

■ 189.9530, -5.3998,
5.3032

■ 127.6250,
-61.4401, 59.9649

■ 196.9290, 1.0210,
-0.8147

■ 126.6960,
-62.4611, 60.7796

■ 203.9050, 7.4418,
-6.9327

■ 210.7670, 13.4259,
-12.9507

■ 217.4010, 18.5363,
-18.7687

■ 222.0970, 16.2212,
-22.8871

Harmonies

Analogous

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



164.2220, -23.2804, 47.1633



162.2770, -30.2096, 29.5751



158.9920, -28.0971, 5.2690

Triad

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



162.2770, -30.2096, 29.5751



140.1620, 20.6261, -82.5801



167.4690, 18.9958, 20.6367

Complementary

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



162.2770, -30.2096, 29.5751



134.7230, 30.2096, -29.5751

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.



163.7080, 29.7240, -13.7759



162.2770, -30.2096, 29.5751



141.2940, 33.8721, -84.4498

Square

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



162.2770, -30.2096, 29.5751



149.2570, -0.1267, -52.8454



154.1440, 34.9320, -50.9923



167.3550, 5.2480, 43.5387

Rectangle

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



162.2770, -30.2096, 29.5751



156.7770, -22.0751, -12.9594



154.1440, 34.9320, -50.9923



166.8420, 23.2489, 9.7856

Sweetspot

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



162.2770, -30.2096, 29.5751



241.2760, -11.9681, 12.0359



133.9650, 3.4683, 54.4047



119.5080, -7.1524, 7.4475



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.



162.2770, -30.2096, 29.5751



202.3210, -46.9933, 46.1995



182.7780, -40.3166, 4.5797



93.5120, -3.2104, 3.0590



103.9040, -51.2247, 50.0732



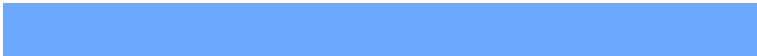
21.6070, -10.6523, 9.9917

Inverse Universe

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



134.7230, 30.2096, -29.5751



159.6790, 46.9933, -46.1995



114.2220, 40.3166, -4.5797



90.4880, 3.2104, -3.0590



57.0960, 51.2247, -50.0732



11.9800, 10.3629, -10.5065

Previews

White Background



This preview shows how the YUV color 162.2770, -30.2096, 29.5751 looks on a white background.

Color Contrast Check

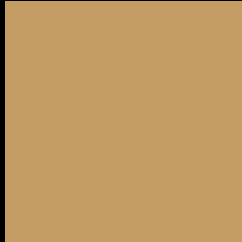
Large Text (above 18pt) WCAG AA × Fail

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 162.2770, -30.2096, 29.5751 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 162.2770, -30.2096, 29.5751 Background



This preview shows how black text looks on a background with the YUV color 162.2770, -30.2096, 29.5751.



This preview shows how white text looks on a background with the YUV color 162.2770, -30.2096, 29.5751.

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

162.2770, -30.2096, 29.5751

Protanopia

161.3460, -28.2716, 14.6056

Deuteranopia

162.2880, -30.2150, 31.3194



Tritanopia

166.8020, -2.8604, 30.8686

Trichromacy



Original Color

162.2770, -30.2096, 29.5751

Protanomaly

161.5640, -28.8721, 20.5534

Deuteranomaly

161.9890, -30.0676, 30.7046

Tritanomaly

165.4570, -13.0433, 30.2942

Monochromacy



Original Color

162.2770, -30.2096, 29.5751

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.9060, -10.7997, 10.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2770, -30.2096, 29.5751 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, 157, 101)` looks like.

```
.text, #text, p{  
    color:rgb(196, 157, 101)  
}
```

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, 157, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 157, 101) }
```

Border

The CSS property to change the border of an element to YUV 162.2770, -30.2096, 29.5751 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, 157, 101) }
```


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

```
.border{ border-color:rgb(196, 157, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 157, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 157, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 157, 101);  
box-shadow:4px 4px 4px 4px rgb(196, 157,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 162.2770, -30.2096, 29.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 157, 101) }
```

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

```
.background{ background-color: rgb(196,  
157, 101) }
```

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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