

Converting Colors

YUV(170.5630, -60.9166,
31.9552)

Have a look what the booklet for
YUV(170.5630, -60.9166, 31.9552)
contains.

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Color

**YUV(170.5630, -60.9166,
31.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB02F
RGB	207, 176, 47
RGB Percent	81%, 69%, 18%
CMY	0.1882, 0.3098, 0.8157
CMYK	0.00, 0.15, 0.77, 0.19
HSL	48°, 63%, 50%
HSV	48°, 77%, 81%
XYZ	41.7706, 44.5213, 9.0812
YIQ	170.5630, 59.8850, -33.5470

Conversions

Conversions Part 2

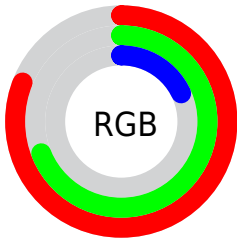
Format	Color
RYB	85, 207, 47
Decimal	13611055
CIELab	72.58, -1.65, 65.33
CIELCh	73, 65.355, 91.445
Yxy	44.5213, 0.4380, 0.4668
Android (android.graphics.Color)	4291801135 (0xFFCFB02F)
YUV	170.5630, -60.9166, 31.9552
Hunter-Lab	66.7243, -5.0234, 38.6376

Details

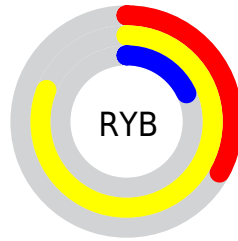
The YUV color **170.5630, -60.9166, 31.9552** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **83.4370, 60.9166, -31.9552**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5840, -59.4479, 27.5518**, and **117.0400, -57.7007, 27.1519** is the 20% darker color. If you saturate the color by 10%, you get **165.8210, -68.9318, 36.1140**, and if you desaturate by 10%, it is **175.3050, -52.9014, 27.7965**.

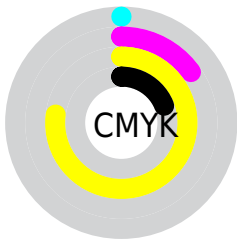
Distribution



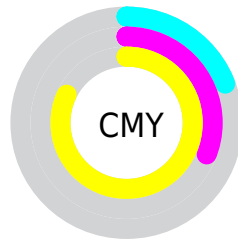
- Red (81%)
- Green (69%)
- Blue (18%)



- Red (33%)
- Yellow (81%)
- Blue (18%)



- Cyan (0%)
- Magenta (15%)
- Yellow (77%)
- Black (19%)



- Cyan (19%)
- Magenta (31%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5630, -60.9166, 31.9552 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 170.5630, -60.9166, 31.9552 by changing the saturation by 10% instead.

■ 170.5630,
-60.9166, 31.9552

■ 170.5630,
-60.9166, 31.9552

■ 255.0000, 0.0000,
0.0000

■ 141.8850,
-66.0053, 30.7959

■ 223.5840,
-59.4479, 27.5518

■ 117.0400,
-57.7007, 27.1519

■ 240.8640,
-54.1630, 12.3973

■ 93.9930, -46.3385,
22.8081

■ 243.9420,
-42.3694, 9.6979

■ 72.1200, -35.5552,
17.4348

■ 247.2480,
-29.7023, 6.7985

■ 50.5460, -24.9192,
12.6762

■ 250.4400,
-17.4719, 3.9991

■ 30.7440, -15.1568,
8.1175

■ 253.8600, -4.3680,

■ 8.8600, -4.3680,

0.9998

0.9998

■ 0.0000, 0.0000,
0.0000

■ 170.5630,
-60.9166, 31.9552

■ 170.5630,
-60.9166, 31.9552

■ 165.8210,
-68.9318, 36.1140

■ 175.3050,
-52.9014, 27.7965

■ 161.1930,
-76.5101, 40.1727

■ 179.9330,
-45.3230, 23.7378

■ 159.9220,
-78.8415, 41.2874

■ 184.6750,
-37.3078, 19.5790

■ 189.4170,
-29.2926, 15.4203

■ 194.0450,
-21.7142, 11.3615

■ 198.7870,
-13.6990, 7.2028

■ 203.5290, -5.6838,
3.0441

■ 208.2710, 2.3314,
-1.1147

■ 212.8990, 9.9098,
-5.1734

Harmonies

Analogous

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



174.4380, -50.9949, 69.7759



170.5630, -60.9166, 31.9552



164.6970, -47.6716, -16.3973

Triad

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



170.5630, -60.9166, 31.9552



148.1680, 44.7802, -129.9433



182.3830, 26.4332, 61.9311

Complementary

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



170.5630, -60.9166, 31.9552



83.4370, 60.9166, -31.9552

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.



178.2940, 37.8161, 4.1272



170.5630, -60.9166, 31.9552



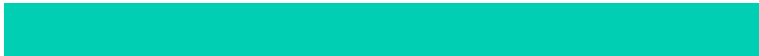
145.8830, 53.7947, -127.9394

Square

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



170.5630, -60.9166, 31.9552



141.9150, 18.2829, -124.4595



138.2740, 57.5459, -117.7583



168.1510, 4.8556, 76.1666

Rectangle

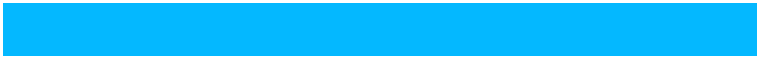
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



170.5630, -60.9166, 31.9552



156.9060, -28.0547, -55.1686



138.2740, 57.5459, -117.7583



183.3360, 34.3444, 44.4323

Sweetspot

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



170.5630, -60.9166, 31.9552



241.8170, -22.5878, 11.5615



98.4880, -9.6076, 95.1650



119.7870, -13.6990, 7.2028



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.



170.5630, -60.9166, 31.9552



200.9800, -90.2091, 47.3755



174.4080, -62.8121, -13.5128



102.5720, -4.2260, 2.1294



130.0640, -64.1216, 33.2699



31.6300, -15.5936, 8.2175

Inverse Universe

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



83.4370, 60.9166, -31.9552



72.0200, 90.2091, -47.3755



79.5920, 62.8121, 13.5128



96.4280, 4.2260, -2.1294



38.5230, 63.8322, -33.7847



9.3700, 15.5936, -8.2175

Previews

White Background



This preview shows how the YUV color 170.5630, -60.9166, 31.9552 looks on a white background.

Color Contrast Check

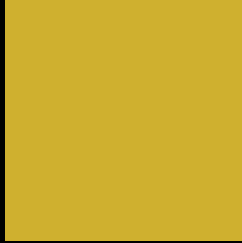
Large Text (above 18pt) WCAG AA × Fail

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 170.5630, -60.9166, 31.9552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

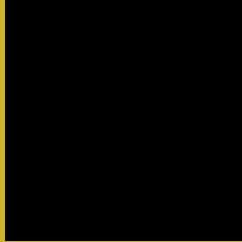
Any Text WCAG AA ✓ Pass

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 170.5630, -60.9166, 31.9552 Background



This preview shows how black text looks on a background with the YUV color 170.5630, -60.9166, 31.9552.

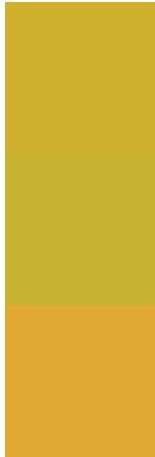


This preview shows how white text looks on a background with the YUV color 170.5630, -60.9166, 31.9552.

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

170.5630, -60.9166, 31.9552

Protanopia

170.3450, -60.3161, 26.0074

Deuteranopia

171.8790, -60.0863, 45.7101



Tritanopia

181.0300, -1.9868, 30.6687

Trichromacy



Original Color

170.5630, -60.9166, 31.9552

Protanomaly

170.6550, -60.4689, 28.3666

Deuteranomaly

171.7320, -60.5069, 40.5770

Tritanomaly

177.1230, -23.2316, 31.4641

Monochromacy



Original Color

170.5630, -60.9166, 31.9552

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9310, -22.1510, 11.4615

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5630, -60.9166, 31.9552 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(207, 176, 47)` looks like.

```
.text, #text, p{  
    color:rgb(207, 176, 47)  
}
```

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(207, 176, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 176, 47) }
```

Border

The CSS property to change the border of an element to YUV 170.5630, -60.9166, 31.9552 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(207, 176, 47) }
```


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

```
.border{ border-color:rgb(207, 176, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 176, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 176, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 176, 47);  
box-shadow:4px 4px 4px 4px rgb(207, 176,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 170.5630, -60.9166, 31.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 176, 47) }
```

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

```
.background{ background-color: rgb(207,  
176, 47) }
```

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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