

Converting Colors

YUV(156.3530, -62.2920,
53.1874)

Have a look what the booklet for
YUV(156.3530, -62.2920, 53.1874)
contains.

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Color

**YUV(156.3530, -62.2920,
53.1874)**

Conversions

Conversions Part 1

Format	Color
Hex	D9961E
RGB	217, 150, 30
RGB Percent	85%, 59%, 12%
CMY	0.1490, 0.4118, 0.8824
CMYK	0.00, 0.31, 0.86, 0.15
HSL	39°, 76%, 48%
HSV	39°, 86%, 85%
XYZ	39.7560, 36.6581, 6.2087
YIQ	156.3530, 78.4520, -23.1160

Conversions

Conversions Part 2

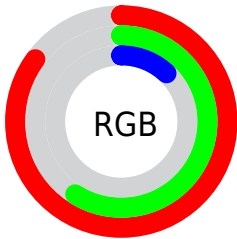
Format	Color
RYB	134, 217, 30
Decimal	14259742
CIELab	67.02, 16.09, 66.16
CIElCh	67, 68.086, 76.333
Yxy	36.6581, 0.4812, 0.4437
Android (android.graphics.Color)	4292449822 (0xFFD9961E)
YUV	156.3530, -62.2920, 53.1874
Hunter-Lab	60.5460, 11.2520, 36.3023

Details

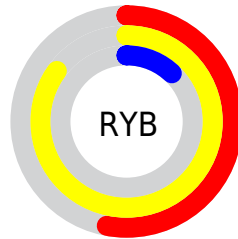
The YUV color **156.3530, -62.2920, 53.1874** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **90.6470, 62.2920, -53.1874**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0250, -58.1863, 42.9511**, and **105.0560, -51.7926, 45.5549** is the 20% darker color. If you saturate the color by 10%, you get **149.1490, -69.5865, 59.5053**, and if you desaturate by 10%, it is **163.5570, -54.9976, 46.8695**.

Distribution



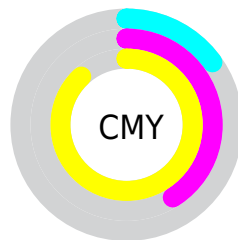
- Red (85%)
- Green (59%)
- Blue (12%)



- Red (53%)
- Yellow (85%)
- Blue (12%)



- Cyan (0%)
- Magenta (31%)
- Yellow (86%)
- Black (15%)



- Cyan (15%)
- Magenta (41%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.3530, -62.2920, 53.1874 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 156.3530, -62.2920, 53.1874 by changing the saturation by 10% instead.

156.3530,
-62.2920, 53.1874

156.3530,
-62.2920, 53.1874

255.0000, 0.0000,
0.0000

128.7010,
-63.4496, 51.1282

206.0250,
-58.1863, 42.9511

105.0560,
-51.7926, 45.5549

225.5390,
-54.4957, 25.8373

81.9980, -40.4250,
39.4668

242.2320,
-48.9214, 11.1975

60.4130, -29.7836,
32.9638

245.3100,
-37.1278, 8.4981

39.4260, -19.4370,
27.6904

248.6160,
-24.4607, 5.5988

19.9120, -9.8166,
22.0022

251.9220,

2.3920, -1.1793,

-11.7935, 2.6994

4.9182

■ 0.0000, 0.0000,
0.0000

■ 156.3530,
-62.2920, 53.1874

■ 156.3530,
-62.2920, 53.1874

■ 149.1490,
-69.5865, 59.5053

■ 163.5570,
-54.9976, 46.8695

■ 146.4760,
-72.2127, 61.8495

■ 170.6470,
-48.1400, 40.6516

■ 177.2640,
-40.5562, 34.8485

■ 184.4680,
-33.2617, 28.5306

■ 191.6720,
-25.9673, 22.2127

■ 198.7620,
-19.1097, 15.9947

■ 205.3790,
-11.5258, 10.1916

■ 212.5830, -4.2314,
3.8737

■ 219.6730, 2.6262,
-2.3442

Harmonies

Analogous

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



158.2840, -40.5660, 84.8199



156.3530, -62.2920, 53.1874



150.9640, -62.5933, 9.6786

Triad

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



156.3530, -62.2920, 53.1874



135.0480, 30.0493, -118.4371



167.9480, 39.4656, 35.1256

Complementary

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



156.3530, -62.2920, 53.1874



90.6470, 62.2920, -53.1874

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.



153.2110, 50.1820, -42.2810



156.3530, -62.2920, 53.1874



139.5570, 54.9414, -122.3915

Square

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



156.3530, -62.2920, 53.1874



126.5780, 2.6730, -111.0089



133.5560, 59.8719, -117.1286



161.7570, 15.8958, 81.7741

Rectangle

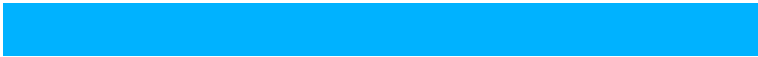
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156.3530, -62.2920, 53.1874



146.9130, -45.3131, -26.2337



133.5560, 59.8719, -117.1286



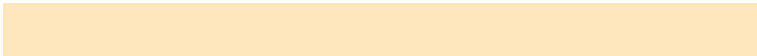
166.2550, 43.7513, 13.8084

Sweetspot

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



156.3530, -62.2920, 53.1874



233.3880, -21.8833, 18.9537



93.7790, 2.5740, 108.0648



114.6350, -13.1311, 11.7211



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.



156.3530, -62.2920, 53.1874



172.5130, -85.0489, 72.3411



188.2070, -77.9961, 3.3265



106.3980, -3.6472, 3.1590



116.8840, -57.6238, 49.2137



30.7770, -15.1731, 13.3506

Inverse Universe

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



90.6470, 62.2920, -53.1874



82.4870, 85.0489, -72.3411



58.7930, 77.9961, -3.3265



102.6020, 3.6472, -3.1590



56.1160, 57.6238, -49.2137



14.6360, 15.4625, -12.8358

Previews

White Background



This preview shows how the YUV color 156.3530, -62.2920, 53.1874 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 156.3530, -62.2920, 53.1874 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 156.3530, -62.2920, 53.1874

Background



This preview shows how black text looks on a background with the YUV color 156.3530, -62.2920, 53.1874.



This preview shows how white text looks on a background with the YUV color 156.3530, -62.2920, 53.1874.

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

156.3530, -62.2920, 53.1874

Protanopia

155.1600, -59.7319, 25.2927

Deuteranopia

155.6570, -63.4279, 44.1508



Tritanopia

165.9570, -7.8668, 50.0267

Trichromacy



Original Color

156.3530, -62.2920, 53.1874

Protanomaly

155.6990, -60.4906, 35.3440

Deuteranomaly

155.7930, -63.0019, 47.5395

Tritanomaly

162.6910, -27.9487, 51.1370

Monochromacy



Original Color

156.3530, -62.2920, 53.1874

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.1600, -22.7569, 19.1537

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.3530, -62.2920, 53.1874 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(217, 150, 30)` looks like.

```
.text, #text, p{  
    color:rgb(217, 150, 30)  
}
```

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(217, 150, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 150, 30) }
```

Border

The CSS property to change the border of an element to YUV 156.3530, -62.2920, 53.1874 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(217, 150, 30) }
```


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

```
.border{ border-color:rgb(217, 150, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 150, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 150, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 150, 30);  
box-shadow:4px 4px 4px 4px rgb(217, 150,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 156.3530, -62.2920, 53.1874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 150, 30) }
```

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

```
.background{ background-color: rgb(217,  
150, 30) }
```

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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