

Converting Colors

YUV(156.6530, -47.1569,
52.0473)

Have a look what the booklet for
YUV(156.6530, -47.1569, 52.0473)
contains.

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Color

**YUV(156.6530, -47.1569,
52.0473)**

Conversions

Conversions Part 1

Format	Color
Hex	D8913D
RGB	216, 145, 61
RGB Percent	85%, 57%, 24%
CMY	0.1529, 0.4314, 0.7608
CMYK	0.00, 0.33, 0.72, 0.15
HSL	33°, 67%, 54%
HSV	33°, 72%, 85%
XYZ	39.2866, 35.1866, 9.1360
YIQ	156.6530, 69.2800, -11.0720

Conversions

Conversions Part 2

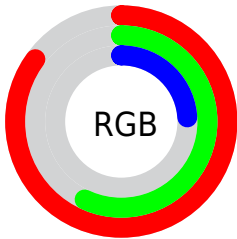
Format	Color
RYB	192, 216, 61
Decimal	14192957
CIELab	65.89, 19.46, 53.64
CIELCh	66, 57.060, 70.056
Yxy	35.1866, 0.4699, 0.4208
Android (android.graphics.Color)	4292383037 (0xFFD8913D)
YUV	156.6530, -47.1569, 52.0473
Hunter-Lab	59.3183, 14.4137, 32.3912

Details

The YUV color **156.6530, -47.1569, 52.0473** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **120.3470, 47.1569, -52.0473**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9400, -45.8194, 43.0256**, and **101.9360, -49.7614, 47.4141** is the 20% darker color. If you saturate the color by 10%, you get **148.2750, -53.8726, 59.3948**, and if you desaturate by 10%, it is **165.0310, -40.4413, 44.6998**.

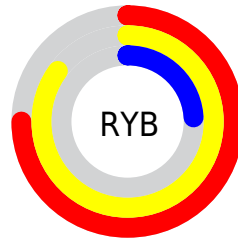
Distribution



Red (85%)

Green (57%)

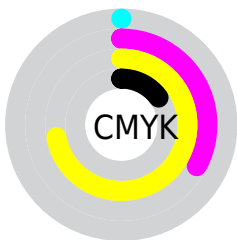
Blue (24%)



Red (75%)

Yellow (85%)

Blue (24%)

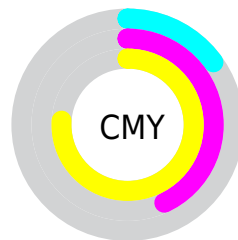


Cyan (0%)

Magenta (33%)

Yellow (72%)

Black (15%)



Cyan (15%)

Magenta (43%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6530, -47.1569, 52.0473 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 156.6530, -47.1569, 52.0473 by changing the saturation by 10% instead.

156.6530,
-47.1569, 52.0473

156.6530,
-47.1569, 52.0473

255.0000, 0.0000,
0.0000

129.4570,
-46.5673, 49.5882

205.9400,
-45.8194, 43.0256

101.9360,
-49.7614, 47.4141

225.3400,
-42.5656, 26.0118

79.6500, -39.2675,
41.5259

244.8540,
-38.8750, 8.8980

57.7770, -28.4841,
36.1526

248.0460,
-26.6447, 6.0987

36.4910, -17.9901,
30.2644

251.3520,
-13.9775, 3.1993

16.3900, -8.0803,
25.0910

254.6580, -1.3104,

1.4950, -0.7370,

0.2999

3.0739

0.0000, 0.0000,
0.0000

156.6530,
-47.1569, 52.0473

156.6530,
-47.1569, 52.0473

148.2750,
-53.8726, 59.3948

165.0310,
-40.4413, 44.6998

140.0110,
-60.1514, 66.6424

173.2950,
-34.1624, 37.4523

133.2630,
-65.6987, 72.5603

181.6730,
-27.4468, 30.1048

189.9370,
-21.1679, 22.8573

197.7280,
-14.1629, 16.0245

■ 206.1060, -7.4473,
8.6770

■ 214.3700, -1.1684,
1.4295

■ 222.7480, 5.5472,
-5.9180

■ 231.0120, 11.8261,
-13.1655

Harmonies

Analogous

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



157.9870, -30.0666, 77.1874



156.6530, -47.1569, 52.0473



152.9230, -50.2480, 16.7305

Triad

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



156.6530, -47.1569, 52.0473



128.6590, 23.3391, -112.8339



164.4530, 36.7517, 18.8967

Complementary

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



156.6530, -47.1569, 52.0473



120.3470, 47.1569, -52.0473

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.



151.3950, 51.0773, -49.4584



156.6530, -47.1569, 52.0473



133.0710, 45.3210, -116.7033

Square

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



156.6530, -47.1569, 52.0473



121.4430, 0.7676, -106.5055



131.7950, 60.7401, -115.5842



163.0490, 16.2448, 63.1010

Rectangle

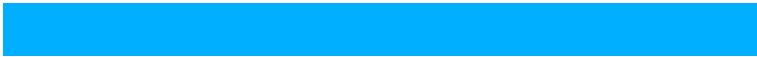
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156.6530, -47.1569, 52.0473



149.1520, -40.9939, -11.5343



131.7950, 60.7401, -115.5842



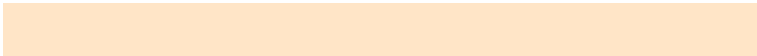
162.8140, 42.4897, -1.5909

Sweetspot

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



156.6530, -47.1569, 52.0473



233.3540, -16.9365, 18.9835



115.5530, 8.6014, 88.0920



114.7320, -10.2209, 11.6360



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.



156.6530, -47.1569, 52.0473



171.3340, -66.7197, 73.3751



196.8350, -66.9667, 12.4227



102.8110, -3.3578, 3.6738



105.7200, -52.1200, 57.2506



26.3580, -12.9945, 14.5950

Inverse Universe

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



120.3470, 47.1569, -52.0473



119.6660, 66.7197, -73.3751



80.1650, 66.9667, -12.4227



100.1890, 3.3578, -3.6738



65.2800, 52.1200, -57.2506



16.6420, 12.9945, -14.5950

Previews

White Background



This preview shows how the YUV color 156.6530, -47.1569, 52.0473 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 156.6530, -47.1569, 52.0473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

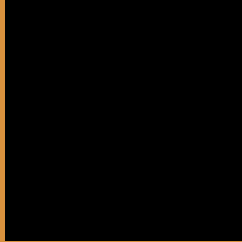
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.6530, -47.1569, 52.0473

Background



This preview shows how black text looks on a background with the YUV color 156.6530, -47.1569, 52.0473.



This preview shows how white text looks on a background with the YUV color 156.6530, -47.1569, 52.0473.

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

156.6530, -47.1569, 52.0473

Protanopia

155.4380, -44.5859, 20.6639

Deuteranopia

155.7500, -47.6977, 38.8073



Tritanopia

162.5550, -8.1616, 51.2563

Trichromacy



Original Color

156.6530, -47.1569, 52.0473

Protanomaly

155.6890, -45.2027, 31.8447

Deuteranomaly

155.8970, -47.2772, 43.9403

Tritanomaly

160.1840, -22.2757, 51.5816

Monochromacy



Original Color

156.6530, -47.1569, 52.0473

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.9410, -17.2259, 18.4687

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6530, -47.1569, 52.0473 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(216, 145, 61)` looks like.

```
.text, #text, p{  
    color:rgb(216, 145, 61)  
}
```

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(216, 145, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 145, 61) }
```

Border

The CSS property to change the border of an element to YUV 156.6530, -47.1569, 52.0473 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(216, 145, 61) }
```


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

```
.border{ border-color:rgb(216, 145, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 145, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 145, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 145, 61);  
box-shadow:4px 4px 4px 4px rgb(216, 145,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 156.6530, -47.1569, 52.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 145, 61) }
```

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

```
.background{ background-color: rgb(216,  
145, 61) }
```

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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