

Converting Colors

YUV(167.1240, -61.6861,
45.4953)

Have a look what the booklet for
YUV(167.1240, -61.6861, 45.4953)
contains.

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Color

**YUV(167.1240, -61.6861,
45.4953)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA52A
RGB	219, 165, 42
RGB Percent	86%, 65%, 16%
CMY	0.1412, 0.3529, 0.8353
CMYK	0.00, 0.25, 0.81, 0.14
HSL	42°, 71%, 51%
HSV	42°, 81%, 86%
XYZ	43.0865, 42.1375, 8.0529
YIQ	167.1240, 71.6670, -26.8050

Conversions

Conversions Part 2

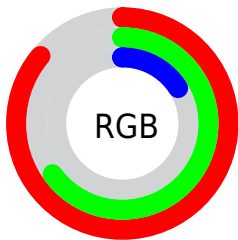
Format	Color
RYB	120, 219, 42
Decimal	14394666
CIELab	70.97, 9.24, 65.99
CIELCh	71, 66.633, 82.027
Yxy	42.1375, 0.4619, 0.4517
Android (android.graphics.Color)	4292584746 (0xFFDBA52A)
YUV	167.1240, -61.6861, 45.4953
Hunter-Lab	64.9134, 4.8815, 38.0841

Details

The YUV color **167.1240, -61.6861, 45.4953** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **93.8760, 61.6861, -45.4953**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.5570, -58.4486, 33.7145**, and **114.4590, -56.4283, 39.0625** is the 20% darker color. If you saturate the color by 10%, you get **160.5070, -69.2700, 51.2984**, and if you desaturate by 10%, it is **173.7410, -54.1023, 39.6921**.

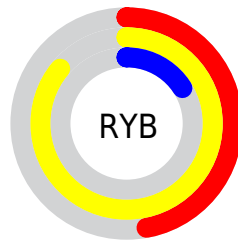
Distribution



Red (86%)

Green (65%)

Blue (16%)



Red (47%)

Yellow (86%)

Blue (16%)

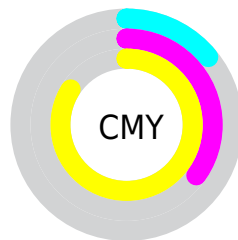


Cyan (0%)

Magenta (25%)

Yellow (81%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.1240, -61.6861, 45.4953 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 167.1240, -61.6861, 45.4953 by changing the saturation by 10% instead.

■ 167.1240,
-61.6861, 45.4953

■ 167.1240,
-61.6861, 45.4953

■ 255.0000, 0.0000,
0.0000

■ 138.1040,
-68.0853, 44.6358

■ 216.5570,
-58.4486, 33.7145

■ 114.4590,
-56.4283, 39.0625

■ 236.1850,
-54.3212, 16.5008

■ 91.1130, -44.9187,
34.1039

■ 243.3720,
-44.5534, 10.1978

■ 69.2400, -34.1353,
28.7305

■ 246.5640,
-32.3231, 7.3984

■ 47.9540, -23.6413,
22.8423

■ 249.8700,
-19.6559, 4.4990

■ 28.4400, -14.0209,
17.1541

■ 253.1760, -6.9888,

■ 7.1760, -3.5378,

1.5996

14.7546

■ 0.0000, 0.0000,
0.0000

■ 167.1240,
-61.6861, 45.4953

■ 167.1240,
-61.6861, 45.4953

■ 160.5070,
-69.2700, 51.2984

■ 173.7410,
-54.1023, 39.6921

■ 154.7050,
-76.2696, 56.3867

■ 179.7710,
-46.2291, 34.4038

■ 186.3880,
-38.6453, 28.6007

■ 193.0050,
-31.0615, 22.7976

■ 198.9210,
-23.6251, 17.6093

■ 205.5380,
-16.0412, 11.8062

■ 212.1550, -8.4574,
6.0031

■ 218.1850, -0.5842,
0.7148

■ 224.8020, 6.9996,
-5.0884

Harmonies

Analogous

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



168.0180, -43.8859, 76.2832



167.1240, -61.6861, 45.4953



162.0320, -55.7248, -0.0281

Triad

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



167.1240, -61.6861, 45.4953



143.8990, 36.0388, -126.1994



178.7600, 34.6283, 46.6915

Complementary

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



167.1240, -61.6861, 45.4953



93.8760, 61.6861, -45.4953

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.



168.6930, 42.5494, -20.7788



167.1240, -61.6861, 45.4953



145.2960, 54.0841, -127.4246

Square

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



167.1240, -61.6861, 45.4953



136.2440, 9.2467, -119.4860



137.6650, 57.8462, -120.7322



167.5130, 12.5651, 76.7261

Rectangle

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



167.1240, -61.6861, 45.4953



156.4540, -39.1708, -36.3552



137.6650, 57.8462, -120.7322



177.5510, 38.1824, 26.7038

Sweetspot

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



167.1240, -61.6861, 45.4953



236.8930, -21.1462, 15.8798



101.3070, -1.6304, 103.2168



116.7380, -12.6888, 9.8768



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.



167.1240, -61.6861, 45.4953



182.8170, -86.1848, 63.3045



189.2540, -72.5962, -1.9768



106.3980, -3.6472, 3.1590



122.1670, -60.2283, 44.5805



32.5380, -16.0412, 11.8062

Inverse Universe

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



93.8760, 61.6861, -45.4953



80.1830, 86.1848, -63.3045



71.7460, 72.5962, 1.9768



102.0150, 3.9366, -2.6442



50.8330, 60.2283, -44.5805



13.4620, 16.0412, -11.8062

Previews

White Background



This preview shows how the YUV color 167.1240, -61.6861, 45.4953 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 167.1240, -61.6861, 45.4953 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 167.1240, -61.6861, 45.4953

Background



This preview shows how black text looks on a background with the YUV color 167.1240, -61.6861, 45.4953.



This preview shows how white text looks on a background with the YUV color 167.1240, -61.6861, 45.4953.

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

167.1240, -61.6861, 45.4953

Protanopia

165.4590, -59.8793, 25.9075

Deuteranopia

167.1240, -61.6861, 45.4953



Tritanopia

177.1950, -5.5191, 43.6790

Trichromacy



Original Color

167.1240, -61.6861, 45.4953

Protanomaly

166.2750, -60.7746, 33.0848

Deuteranomaly

167.1240, -61.6861, 45.4953

Tritanomaly

173.5160, -25.8904, 44.2745

Monochromacy



Original Color

167.1240, -61.6861, 45.4953

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9640, -22.1673, 16.6946

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.1240, -61.6861, 45.4953 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(219, 165, 42)` looks like.

```
.text, #text, p{  
    color:rgb(219, 165, 42)  
}
```

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(219, 165, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 165, 42) }
```

Border

The CSS property to change the border of an element to YUV 167.1240, -61.6861, 45.4953 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(219, 165, 42) }
```


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

```
.border{ border-color:rgb(219, 165, 42) }
```

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

Here you see how a box with a 4 pixel rgb(219, 165, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 165, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 165, 42);  
box-shadow:4px 4px 4px 4px rgb(219, 165,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 167.1240, -61.6861, 45.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 165, 42) }
```

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

```
.background{ background-color: rgb(219,  
165, 42) }
```

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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