

Converting Colors

YUV(166.2010, -44.9621,
48.0587)

Have a look what the booklet for
YUV(166.2010, -44.9621, 48.0587)
contains.

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Color

**YUV(166.2010, -44.9621,
48.0587)**

Conversions

Conversions Part 1

Format	Color
Hex	DD9C4B
RGB	221, 156, 75
RGB Percent	87%, 61%, 29%
CMY	0.1333, 0.3882, 0.7059
CMYK	0.00, 0.29, 0.66, 0.13
HSL	33°, 68%, 58%
HSV	33°, 66%, 87%
XYZ	42.9773, 39.6571, 12.0460
YIQ	166.2010, 64.7410, -11.4110

Conversions

Conversions Part 2

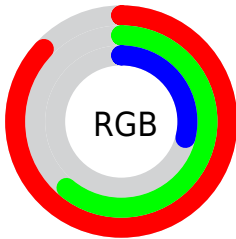
Format	Color
RYB	192, 221, 75
Decimal	14523467
CIELab	69.22, 16.42, 50.93
CIElCh	69, 53.509, 72.128
Yxy	39.6571, 0.4539, 0.4189
Android (android.graphics.Color)	4292713547 (0xFFDD9C4B)
YUV	166.2010, -44.9621, 48.0587
Hunter-Lab	62.9739, 11.6151, 32.7403

Details

The YUV color **166.2010, -44.9621, 48.0587** 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 **129.7990, 44.9621, -48.0587**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9930, -42.8875, 35.9631**, and **112.6950, -44.2196, 43.2405** is the 20% darker color. If you saturate the color by 10%, you get **157.8230, -51.6777, 55.4062**, and if you desaturate by 10%, it is **174.5790, -38.2464, 40.7112**.

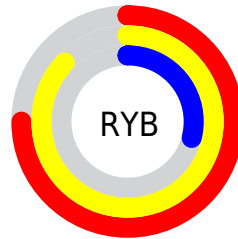
Distribution



Red (87%)

Green (61%)

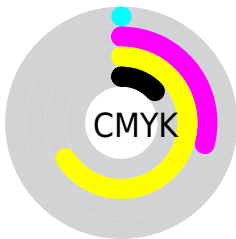
Blue (29%)



Red (75%)

Yellow (87%)

Blue (29%)

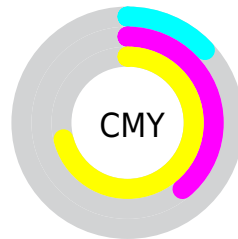


Cyan (0%)

Magenta (29%)

Yellow (66%)

Black (13%)



Cyan (13%)

Magenta (39%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2010, -44.9621, 48.0587 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 166.2010, -44.9621, 48.0587 by changing the saturation by 10% instead.

■ 166.2010,
-44.9621, 48.0587

■ 166.2010,
-44.9621, 48.0587

■ 255.0000, 0.0000,
0.0000

■ 139.1190,
-43.9357, 45.4996

■ 213.9930,
-42.8875, 35.9631

■ 112.6950,
-44.2196, 43.2405

■ 234.0940,
-39.4863, 18.3346

■ 87.3140, -43.0458,
40.0666

■ 246.5640,
-32.3231, 7.3984

■ 64.8540, -31.9730,
35.2080

■ 249.7560,
-20.0927, 4.5990

■ 44.1550, -21.7684,
28.8051

■ 253.0620, -7.4256,
1.6996

■ 23.7550, -11.7112,
23.0169

■ 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 166.2010,
-44.9621, 48.0587

■ 166.2010,
-44.9621, 48.0587

■ 157.8230,
-51.6777, 55.4062

■ 174.5790,
-38.2464, 40.7112

■ 149.4450,
-58.3934, 62.7537

■ 182.9570,
-31.5308, 33.3637

■ 141.0670,
-65.1090, 70.1012

■ 191.3350,
-24.8152, 26.0162

■ 138.2800,
-68.1720, 72.5454

■ 199.1260,
-17.8101, 19.1835

■ 207.6180,
-10.6577, 11.7360

■ 215.9960, -3.9420,
4.3885

■ 224.3740, 2.7736,
-2.9590

■ 232.7520, 9.4893,
-10.3065

■ 238.9640, 7.9057,
-15.7544

Harmonies

Analogous

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



167.8400, -30.4871, 72.0543



166.2010, -44.9621, 48.0587



162.6390, -46.1640, 13.4716

Triad

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



166.2010, -44.9621, 48.0587



134.7230, 26.2656, -118.1521



173.5520, 33.2519, 21.4409

Complementary

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



166.2010, -44.9621, 48.0587



129.7990, 44.9621, -48.0587

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.



163.2780, 45.2189, -37.0778



166.2010, -44.9621, 48.0587



138.6790, 46.5003, -121.6215

Square

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



166.2010, -44.9621, 48.0587



139.5100, -0.7444, -88.1473



135.9040, 58.7143, -119.1878



172.9410, 13.3401, 61.4417

Rectangle

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



166.2010, -44.9621, 48.0587



158.7650, -37.3521, -12.9489



135.9040, 58.7143, -119.1878



172.2230, 38.8371, 3.3124

Sweetspot

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



166.2010, -44.9621, 48.0587



235.6850, -15.6207, 16.9393



126.1780, 7.3072, 83.1589



116.2480, -9.4893, 10.3065



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.



166.2010, -44.9621, 48.0587



179.2560, -61.7512, 66.4275



202.2630, -62.7407, 10.2933



105.8110, -3.3578, 3.6738



108.0790, -53.2829, 56.9357



28.4290, -14.0155, 15.4098

Inverse Universe

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



129.7990, 44.9621, -48.0587



129.1570, 62.0406, -65.9127



93.7370, 62.7407, -10.2933



103.1890, 3.3578, -3.6738



64.9210, 53.2829, -56.9357



16.9840, 14.3049, -14.8950

Previews

White Background



This preview shows how the YUV color 166.2010, -44.9621, 48.0587 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 166.2010, -44.9621, 48.0587 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 166.2010, -44.9621, 48.0587 Background



This preview shows how black text looks on a background with the YUV color 166.2010, -44.9621, 48.0587.



This preview shows how white text looks on a background with the YUV color 166.2010, -44.9621,

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

166.2010, -44.9621, 48.0587

Protanopia

165.0080, -42.4019, 20.1640

Deuteranopia

165.7330, -45.2244, 38.8222



Tritanopia

172.1740, -6.9878, 48.0824

Trichromacy



Original Color

166.2010, -44.9621, 48.0587

Protanomaly

165.5470, -43.1607, 30.2153

Deuteranomaly

165.7550, -45.2352, 42.3109

Tritanomaly

169.9170, -20.6651, 48.3078

Monochromacy



Original Color

166.2010, -44.9621, 48.0587

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8700, -16.2049, 17.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2010, -44.9621, 48.0587 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(221, 156, 75)` looks like.

```
.text, #text, p{  
    color:rgb(221, 156, 75)  
}
```

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(221, 156, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 156, 75) }
```

Border

The CSS property to change the border of an element to YUV 166.2010, -44.9621, 48.0587 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(221, 156, 75) }
```


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

```
.border{ border-color:rgb(221, 156, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 156, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 156, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 156, 75);  
box-shadow:4px 4px 4px 4px rgb(221, 156,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 166.2010, -44.9621, 48.0587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 156, 75) }
```

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

```
.background{ background-color: rgb(221,  
156, 75) }
```

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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