

Converting Colors

YUV(166.7790, -71.8690,
44.9208)

Have a look what the booklet for
YUV(166.7790, -71.8690, 44.9208)
contains.

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Color

**YUV(166.7790, -71.8690,
44.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA915
RGB	218, 169, 21
RGB Percent	85%, 66%, 8%
CMY	0.1451, 0.3373, 0.9176
CMYK	0.00, 0.22, 0.90, 0.15
HSL	45°, 82%, 47%
HSV	45°, 90%, 85%
XYZ	43.2368, 43.3355, 6.7952
YIQ	166.7790, 76.7120, -35.6400

Conversions

Conversions Part 2

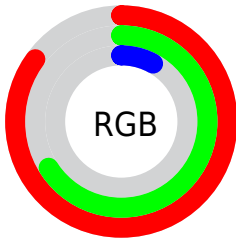
Format	Color
RYB	86, 218, 21
Decimal	14330133
CIELab	71.78, 6.17, 72.02
CIElCh	72, 72.281, 85.104
Yxy	43.3355, 0.4631, 0.4641
Android (android.graphics.Color)	4292520213 (0xFFDAA915)
YUV	166.7790, -71.8690, 44.9208
Hunter-Lab	65.8297, 2.0363, 39.9606

Details

The YUV color **166.7790, -71.8690, 44.9208** 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 **72.2210, 71.8690, -44.9208**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.5370, -64.8477, 32.8551**, and **115.9210, -57.1491, 36.9033** is the 20% darker color. If you saturate the color by 10%, you get **161.4500, -79.5948, 49.5944**, and if you desaturate by 10%, it is **172.2220, -63.7064, 40.1473**.

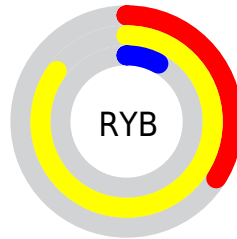
Distribution



Red (85%)

Green (66%)

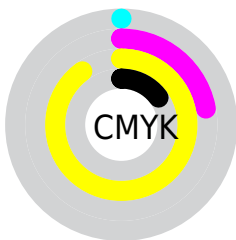
Blue (8%)



Red (34%)

Yellow (85%)

Blue (8%)

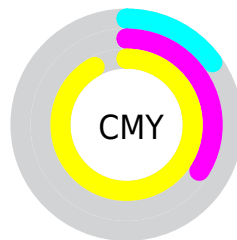


Cyan (0%)

Magenta (22%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (34%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7790, -71.8690, 44.9208 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 166.7790, -71.8690, 44.9208 by changing the saturation by 10% instead.

■ 166.7790,
-71.8690, 44.9208

■ 166.7790,
-71.8690, 44.9208

■ 255.0000, 0.0000,
0.0000

■ 140.1530,
-69.0954, 41.9618

■ 217.5370,
-64.8477, 32.8551

■ 115.9210,
-57.1491, 36.9033

■ 237.1650,
-60.7203, 15.6413

■ 93.1620, -45.9289,
31.4299

■ 242.1180,
-49.3582, 11.2975

■ 70.9900, -34.9981,
25.4418

■ 245.3100,
-37.1278, 8.4981

■ 50.0030, -24.6515,
20.1684

■ 248.6160,
-24.4607, 5.5988

■ 29.9020, -14.7417,
14.9949

■ 251.9220,

■ 7.1650, -3.5323,

-11.7935, 2.6994

13.0103

■ 0.0000, 0.0000,
0.0000

■ 166.7790,
-71.8690, 44.9208

■ 166.7790,
-71.8690, 44.9208

■ 161.4500,
-79.5948, 49.5944

■ 172.2220,
-63.7064, 40.1473

■ 178.2520,
-55.8332, 34.8590

■ 183.5810,
-48.1074, 30.1855

■ 189.6110,
-40.2342, 24.8972

■ 195.0540,
-32.0716, 20.1236

■ 201.0840,
-24.1984, 14.8353

■ 206.5270,
-16.0358, 10.0618

■ 211.8560, -8.3100,
5.3883

■ 217.8860, -0.4368,
0.1000

Harmonies

Analogous

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



167.1230, -49.8536, 77.0681



166.7790, -71.8690, 44.9208



161.7340, -60.5079, -5.9057

Triad

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



166.7790, -71.8690, 44.9208



147.7290, 40.5596, -129.5583



180.0540, 35.4694, 56.9576

Complementary

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



166.7790, -71.8690, 44.9208



72.2210, 71.8690, -44.9208

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.



171.0960, 41.3647, -14.1162



166.7790, -71.8690, 44.9208



147.0570, 53.2159, -128.9690

Square

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



166.7790, -71.8690, 44.9208



139.5040, 11.5835, -122.3450



138.8390, 57.2674, -121.7618



163.6490, 12.9910, 80.1148

Rectangle

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



166.7790, -71.8690, 44.9208



154.2030, -38.5541, -47.5360



138.8390, 57.2674, -121.7618



179.0900, 37.4236, 36.7551

Sweetspot

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



166.7790, -71.8690, 44.9208



237.1550, -25.2194, 15.6501



85.4890, -7.6361, 116.2121



116.8690, -14.7254, 9.7619



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.



166.7790, -71.8690, 44.9208



188.9490, -93.1519, 57.9267



180.8910, -78.8263, -10.4284



106.9850, -3.9366, 2.6442



128.0370, -63.1222, 39.4326



33.7120, -16.6200, 10.7766

Inverse Universe

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



72.2210, 71.8690, -44.9208



66.0510, 93.1519, -57.9267



58.1090, 78.8263, 10.4284



101.4280, 4.2260, -2.1294



44.9630, 63.1222, -39.4326



11.7010, 16.9094, -10.2618

Previews

White Background



This preview shows how the YUV color 166.7790, -71.8690, 44.9208 looks on a white background.

Color Contrast Check

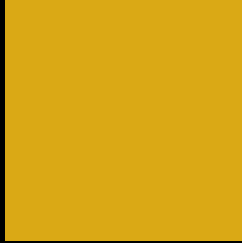
Large Text (above 18pt) WCAG AA × Fail

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 166.7790, -71.8690, 44.9208 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 166.7790, -71.8690, 44.9208

Background



This preview shows how black text looks on a background with the YUV color 166.7790, -71.8690, 44.9208.



This preview shows how white text looks on a background with the YUV color 166.7790, -71.8690,

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

166.7790, -71.8690, 44.9208

Protanopia

166.1360, -70.0730, 28.8217

Deuteranopia

167.0290, -71.0063, 48.2096



Tritanopia

178.9990, -4.9295, 41.2199

Trichromacy



Original Color

166.7790, -71.8690, 44.9208

Protanomaly

166.3540, -70.6735, 34.7695

Deuteranomaly

167.2030, -71.5851, 47.1800

Tritanomaly

174.2940, -29.2319, 42.7152

Monochromacy



Original Color

166.7790, -71.8690, 44.9208

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.2260, -26.2404, 16.4648

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7790, -71.8690, 44.9208 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(218, 169, 21)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 21)  
}
```

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(218, 169, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 21) }
```

Border

The CSS property to change the border of an element to YUV 166.7790, -71.8690, 44.9208 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(218, 169, 21) }
```


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

```
.border{ border-color:rgb(218, 169, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 169, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 169, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 169, 21);  
box-shadow:4px 4px 4px 4px rgb(218, 169,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 166.7790, -71.8690, 44.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 21) }
```

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

```
.background{ background-color: rgb(218,  
169, 21) }
```

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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