

Converting Colors

YUV(172.1720, -61.2168,
34.9292)

Have a look what the booklet for
YUV(172.1720, -61.2168, 34.9292)
contains.

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Color

**YUV(172.1720, -61.2168,
34.9292)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B030
RGB	212, 176, 48
RGB Percent	83%, 69%, 19%
CMY	0.1686, 0.3098, 0.8118
CMYK	0.00, 0.17, 0.77, 0.17
HSL	47°, 66%, 51%
HSV	47°, 77%, 83%
XYZ	43.2102, 45.2611, 9.2552
YIQ	172.1720, 62.5440, -32.1760

Conversions

Conversions Part 2

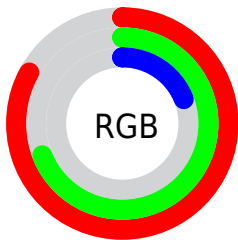
Format	Color
RYB	94, 212, 48
Decimal	13938736
CIELab	73.06, 0.57, 65.62
CIELCh	73, 65.623, 89.505
Yxy	45.2611, 0.4422, 0.4631
Android (android.graphics.Color)	4292128816 (0xFFD4B030)
YUV	172.1720, -61.2168, 34.9292
Hunter-Lab	67.2764, -3.0869, 38.9370

Details

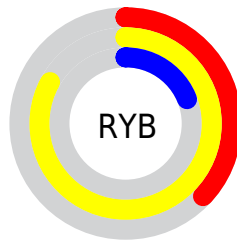
The YUV color **172.1720, -61.2168, 34.9292** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **87.8280, 61.2168, -34.9292**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6980, -59.0111, 27.4519**, and **118.5350, -58.4378, 30.2258** is the 20% darker color. If you saturate the color by 10%, you get **166.8430, -68.9426, 39.6027**, and if you desaturate by 10%, it is **177.5010, -53.4910, 30.2556**.

Distribution



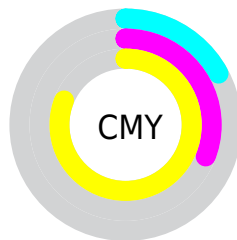
- Red (83%)
- Green (69%)
- Blue (19%)



- Red (37%)
- Yellow (83%)
- Blue (19%)



- Cyan (0%)
- Magenta (17%)
- Yellow (77%)
- Black (17%)



- Cyan (17%)
- Magenta (31%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1720, -61.2168, 34.9292 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 172.1720, -61.2168, 34.9292 by changing the saturation by 10% instead.

■ 172.1720,
-61.2168, 34.9292

■ 172.1720,
-61.2168, 34.9292

■ 255.0000, 0.0000,
0.0000

■ 143.6080,
-65.8687, 33.6698

■ 223.6980,
-59.0111, 27.4519

■ 118.5350,
-58.4378, 30.2258

■ 240.8640,
-54.1630, 12.3973

■ 95.4880, -47.0756,
25.8820

■ 244.0560,
-41.9326, 9.5979

■ 73.6150, -36.2922,
20.5086

■ 247.2480,
-29.7023, 6.7985

■ 51.7420, -25.5088,
15.1353

■ 250.5540,
-17.0351, 3.8991

■ 31.9400, -15.7464,
10.5766

■ 253.8600, -4.3680,

■ 10.9530, -5.3998,

0.9998

5.3032

■ 0.0000, 0.0000,
0.0000

■ 172.1720,
-61.2168, 34.9292

■ 172.1720,
-61.2168, 34.9292

■ 166.8430,
-68.9426, 39.6027

■ 177.5010,
-53.4910, 30.2556

■ 162.1010,
-76.9578, 43.7614

■ 182.2430,
-45.4758, 26.0969

■ 160.2430,
-78.9998, 45.3909

■ 187.6860,
-37.3132, 21.3234

■ 193.0150,
-29.5874, 16.6498

■ 197.7570,
-21.5722, 12.4911

■ 203.0860,
-13.8464, 7.8176

■ 208.4150, -6.1206,
3.1440

■ 213.2710, 2.3314,
-1.1147

■ 218.6000, 10.0572,
-5.7882

Harmonies

Analogous

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



174.6060, -49.1058, 70.5055



172.1720, -61.2168, 34.9292



166.2630, -49.4297, -12.5087

Triad

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



172.1720, -61.2168, 34.9292



149.1140, 43.3278, -130.7730



184.1160, 28.0438, 58.6573

Complementary

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



172.1720, -61.2168, 34.9292



87.8280, 61.2168, -34.9292

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.



178.5600, 37.6849, -0.4911



172.1720, -61.2168, 34.9292



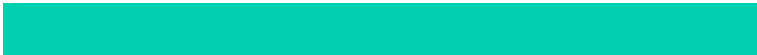
147.0570, 53.2159, -128.9690

Square

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



172.1720, -61.2168, 34.9292



142.1600, 16.6831, -124.6743



138.2520, 57.5568, -121.2470



169.8950, 6.4608, 74.6371

Rectangle

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



172.1720, -61.2168, 34.9292



159.2440, -30.6863, -51.0800



138.2520, 57.5568, -121.2470



184.7270, 34.6446, 41.4584

Sweetspot

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



172.1720, -61.2168, 34.9292



240.6430, -22.0090, 12.5911



101.3680, -7.5764, 97.0243



119.2000, -13.4096, 7.7176



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.



172.1720, -61.2168, 34.9292



197.4580, -88.4728, 50.4643



180.1480, -65.1490, -10.6538



104.5720, -4.2260, 2.1294



129.2000, -63.6956, 36.6586



32.8150, -16.1778, 8.9322

Inverse Universe

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



87.8280, 61.2168, -34.9292



75.5420, 88.4728, -50.4643



79.8520, 65.1490, 10.6538



99.0150, 3.9366, -2.6442



41.8000, 63.6956, -36.6586



10.7720, 15.8884, -9.4470

Previews

White Background



This preview shows how the YUV color 172.1720, -61.2168, 34.9292 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 172.1720, -61.2168, 34.9292 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 172.1720, -61.2168, 34.9292 Background



This preview shows how black text looks on a background with the YUV color 172.1720, -61.2168, 34.9292.



This preview shows how white text looks on a background with the YUV color 172.1720, -61.2168,

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

172.1720, -61.2168, 34.9292

Protanopia

171.6440, -60.4635, 26.6222

Deuteranopia

172.7650, -60.5231, 45.8101



Tritanopia

182.5250, -2.7238, 33.7426

Trichromacy



Original Color

172.1720, -61.2168, 34.9292

Protanomaly

172.2530, -60.7637, 29.5961

Deuteranomaly

172.3300, -60.8017, 41.8066

Tritanomaly

178.6180, -23.9687, 34.5380

Monochromacy



Original Color

172.1720, -61.2168, 34.9292

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9420, -22.1564, 13.2059

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1720, -61.2168, 34.9292 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(212, 176, 48)` looks like.

```
.text, #text, p{  
    color:rgb(212, 176, 48)  
}
```

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(212, 176, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 176, 48) }
```

Border

The CSS property to change the border of an element to YUV 172.1720, -61.2168, 34.9292 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(212, 176, 48) }
```


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

```
.border{ border-color:rgb(212, 176, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 176, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 176, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 176, 48);  
box-shadow:4px 4px 4px 4px rgb(212, 176,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 172.1720, -61.2168, 34.9292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 176, 48) }
```

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

```
.background{ background-color: rgb(212,  
176, 48) }
```

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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