

Converting Colors

YUV(172.6950, -47.6706,
30.0855)

Have a look what the booklet for
YUV(172.6950, -47.6706, 30.0855)
contains.

YUV(172.6950, -47.6706, 30.0855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(172.6950, -47.6706,
30.0855)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAE4C
RGB	207, 174, 76
RGB Percent	81%, 68%, 30%
CMY	0.1882, 0.3176, 0.7020
CMYK	0.00, 0.16, 0.63, 0.19
HSL	45°, 58%, 55%
HSV	45°, 63%, 81%
XYZ	42.1727, 44.0593, 13.1190
YIQ	172.6950, 51.1260, -23.4820

Conversions

Conversions Part 2

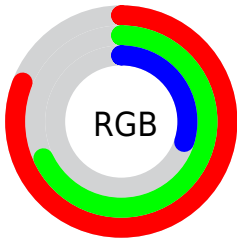
Format	Color
RYB	120, 207, 76
Decimal	13610572
CIELab	72.27, 0.89, 53.40
CIELCh	72, 53.412, 89.042
Yxy	44.0593, 0.4245, 0.4435
Android (android.graphics.Color)	4291800652 (0xFFCFAE4C)
YUV	172.6950, -47.6706, 30.0855
Hunter-Lab	66.3772, -2.7503, 34.7457

Details

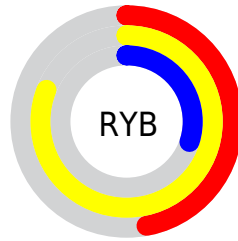
The YUV color **172.6950, -47.6706, 30.0855** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **110.3050, 47.6706, -30.0855**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.3740, -47.5124, 25.9820**, and **118.5590, -48.0966, 26.6968** is the 20% darker color. If you saturate the color by 10%, you get **167.3660, -55.3964, 34.7590**, and if you desaturate by 10%, it is **178.0240, -39.9448, 25.4120**.

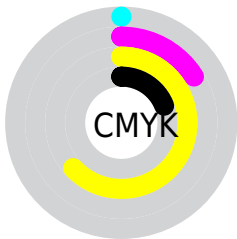
Distribution



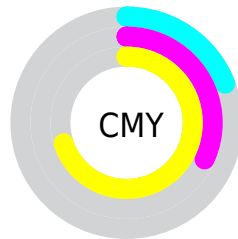
- Red (81%)
- Green (68%)
- Blue (30%)



- Red (47%)
- Yellow (81%)
- Blue (30%)



- Cyan (0%)
- Magenta (16%)
- Yellow (63%)
- Black (19%)



- Cyan (19%)
- Magenta (32%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6950, -47.6706, 30.0855 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 172.6950, -47.6706, 30.0855 by changing the saturation by 10% instead.

■ 172.6950,
-47.6706, 30.0855

■ 172.6950,
-47.6706, 30.0855

■ 255.0000, 0.0000,
0.0000

■ 145.7980,
-47.2284, 28.2412

■ 225.3740,
-47.5124, 25.9820

■ 118.5590,
-48.0966, 26.6968

■ 243.7140,
-43.2430, 9.8978

■ 93.1180, -45.9072,
24.4525

■ 246.7920,
-31.4495, 7.1984

■ 71.8430, -35.4186,
20.3087

■ 250.0980,
-18.7823, 4.2991

■ 50.8560, -25.0720,
15.0353

■ 253.2900, -6.5520,
1.4997

■ 30.7550, -15.1622,
9.8619

■ 8.2950, -4.0894,

5.0033

■ 0.0000, 0.0000,
0.0000

■ 172.6950,
-47.6706, 30.0855

■ 172.6950,
-47.6706, 30.0855

■ 167.3660,
-55.3964, 34.7590

■ 178.0240,
-39.9448, 25.4120

■ 162.1510,
-62.6854, 39.3326

■ 183.2390,
-32.6558, 20.8384

■ 156.2350,
-70.1219, 44.5209

■ 189.1550,
-25.2194, 15.6501

■ 152.8780,
-75.3689, 47.4650

■ 194.4840,
-17.4936, 10.9765

■ 199.8130, -9.7678,
6.3030

■ 205.0280, -2.4788,
1.7294

■ 210.9440, 4.9576,
-3.4589

■ 216.2730, 12.6834,
-8.1324

■ 220.6900, 16.9148,
-12.0061

Harmonies

Analogous

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



175.5430, -40.2007, 60.9138



172.6950, -47.6706, 30.0855



167.6300, -39.2576, -8.4455

Triad

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



172.6950, -47.6706, 30.0855



143.4090, 39.2384, -125.7697



182.2580, 22.5508, 47.1317

Complementary

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



172.6950, -47.6706, 30.0855



110.3050, 47.6706, -30.0855

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.



179.1470, 37.3955, -1.0059



172.6950, -47.6706, 30.0855



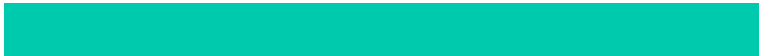
143.5350, 54.9522, -125.8802

Square

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



172.6950, -47.6706, 30.0855



138.4100, 17.5459, -121.3856



160.4110, 46.6324, -70.5204



176.7110, 2.1145, 68.6595

Rectangle

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



172.6950, -47.6706, 30.0855



162.7000, -25.4881, -38.3249



160.4110, 46.6324, -70.5204



182.5920, 29.2881, 32.8068

Sweetspot

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



172.6950, -47.6706, 30.0855



242.4840, -17.4936, 10.9765



119.1590, -4.0224, 77.0366



119.8840, -10.7888, 7.1177



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.



172.6950, -47.6706, 30.0855



204.1210, -70.5587, 44.6209



182.7970, -52.6509, -5.9610



101.9850, -3.9366, 2.6442



124.1940, -61.2276, 38.4179



30.4560, -15.0148, 9.2471

Inverse Universe

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



110.3050, 47.6706, -30.0855



111.8790, 70.5587, -44.6209



100.2030, 52.6509, 5.9610



97.0150, 3.9366, -2.6442



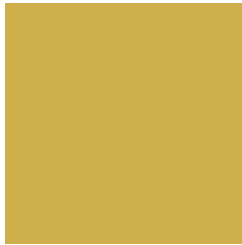
43.8060, 61.2276, -38.4179



10.5440, 15.0148, -9.2471

Previews

White Background



This preview shows how the YUV color 172.6950, -47.6706, 30.0855 looks on a white background.

Color Contrast Check

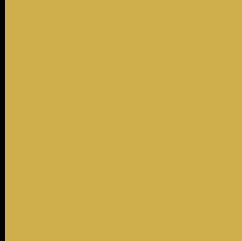
Large Text (above 18pt) WCAG AA × Fail

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 172.6950, -47.6706, 30.0855 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 172.6950, -47.6706, 30.0855

Background



This preview shows how black text looks on a background with the YUV color 172.6950, -47.6706, 30.0855.



This preview shows how white text looks on a background with the YUV color 172.6950, -47.6706, 30.0855.

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

172.6950, -47.6706, 30.0855

Protanopia

172.1670, -46.9173, 21.7785

Deuteranopia

173.7610, -47.7032, 40.5516



Tritanopia

180.0300, -1.9868, 30.6687

Trichromacy



Original Color

172.6950, -47.6706, 30.0855

Protanomaly

172.7760, -47.2176, 24.7524

Deuteranomaly

173.4400, -47.5449, 36.4481

Tritanomaly

177.3770, -18.4269, 30.3644

Monochromacy



Original Color

172.6950, -47.6706, 30.0855

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.5980, -17.0568, 10.8766

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6950, -47.6706, 30.0855 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(207, 174, 76)` looks like.

```
.text, #text, p{  
    color:rgb(207, 174, 76)  
}
```

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(207, 174, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 174, 76) }
```

Border

The CSS property to change the border of an element to YUV 172.6950, -47.6706, 30.0855 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(207, 174, 76) }
```


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

```
.border{ border-color:rgb(207, 174, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 174, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 174, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 174, 76);  
box-shadow:4px 4px 4px 4px rgb(207, 174,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 172.6950, -47.6706, 30.0855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 174, 76) }
```

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

```
.background{ background-color: rgb(207,  
174, 76) }
```

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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