

Converting Colors

YUV(172.4390, -42.6144,
41.7110)

Have a look what the booklet for
YUV(172.4390, -42.6144, 41.7110)
contains.

YUV(172.4390, -42.6144, 41.7110)	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(172.4390, -42.6144,
41.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA556
RGB	220, 165, 86
RGB Percent	86%, 65%, 34%
CMY	0.1373, 0.3529, 0.6627
CMYK	0.00, 0.25, 0.61, 0.14
HSL	35°, 66%, 60%
HSV	35°, 61%, 86%
XYZ	44.6500, 42.7978, 14.7116
YIQ	172.4390, 58.1390, -12.9090

Conversions

Conversions Part 2

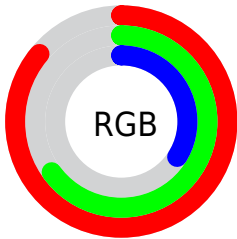
Format	Color
RYB	179, 220, 86
Decimal	14460246
CIELab	71.42, 11.89, 48.09
CIELCh	71, 49.539, 76.118
Yxy	42.7978, 0.4371, 0.4189
Android (android.graphics.Color)	4292650326 (0xFFDCA556)
YUV	172.4390, -42.6144, 41.7110
Hunter-Lab	65.4200, 7.3436, 32.4609

Details

The YUV color **172.4390, -42.6144, 41.7110** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **133.5610, 42.6144, -41.7110**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1170, -40.9767, 29.7154**, and **118.4600, -41.1458, 37.3076** is the 20% darker color. If you saturate the color by 10%, you get **164.6480, -49.6195, 48.5437**, and if you desaturate by 10%, it is **180.2300, -35.6094, 34.8783**.

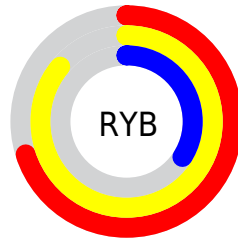
Distribution



Red (86%)

Green (65%)

Blue (34%)



Red (70%)

Yellow (86%)

Blue (34%)

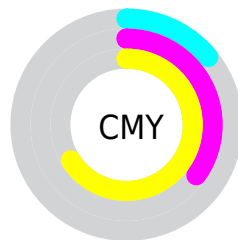


Cyan (0%)

Magenta (25%)

Yellow (61%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.4390, -42.6144, 41.7110 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 172.4390, -42.6144, 41.7110 by changing the saturation by 10% instead.

■ 172.4390,
-42.6144, 41.7110

■ 172.4390,
-42.6144, 41.7110

■ 255.0000, 0.0000,
0.0000

■ 145.3570,
-41.5880, 39.1519

■ 221.1170,
-40.9767, 29.7154

■ 118.4600,
-41.1458, 37.3076

■ 240.6310,
-37.2861, 12.6016

■ 92.5800, -43.1769,
35.4483

■ 247.9320,
-27.0815, 6.1986

■ 70.1370, -34.5775,
30.5749

■ 251.1240,
-14.8511, 3.3993

■ 49.1500, -24.2309,
25.3015

■ 254.4300, -2.1840,
0.4999

■ 29.0490, -14.3212,
20.1280

■ 8.3720, -4.1274,

17.2138

■ 0.0000, 0.0000,
0.0000

■ 172.4390,
-42.6144, 41.7110

■ 172.4390,
-42.6144, 41.7110

■ 164.6480,
-49.6195, 48.5437

■ 180.2300,
-35.6094, 34.8783

■ 156.8570,
-56.6245, 55.3764

■ 188.0210,
-28.6044, 28.0456

■ 149.0660,
-63.6295, 62.2091

■ 195.8120,
-21.5993, 21.2129

■ 142.0900,
-70.0504, 68.3271

■ 203.6030,
-14.5943, 14.3802

■ 211.3940, -7.5892,
7.5475

■ 219.1850, -0.5842,
0.7148

■ 226.9760, 6.4208,
-6.1180

■ 233.9690, 10.3683,
-12.2508

■ 239.2520, 7.7638,
-16.8840

Harmonies

Analogous

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



174.6820, -30.9022, 65.1769



172.4390, -42.6144, 41.7110



168.5720, -41.2010, 8.2684

Triad

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



172.4390, -42.6144, 41.7110



138.7980, 29.1866, -121.7258



180.3200, 28.4362, 26.0294

Complementary

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



172.4390, -42.6144, 41.7110



133.5610, 42.6144, -41.7110

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.



172.5030, 40.6710, -24.9971



172.4390, -42.6144, 41.7110



141.7110, 47.9635, -124.2805

Square

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



172.4390, -42.6144, 41.7110



148.8140, 1.5707, -84.0289



143.6340, 54.9034, -110.1810



178.9040, 9.4143, 60.5972

Rectangle

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



172.4390, -42.6144, 41.7110



164.9970, -32.5365, -17.5374



143.6340, 54.9034, -110.1810



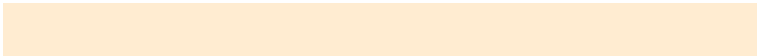
178.7140, 34.1580, 10.7748

Sweetspot

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



172.4390, -42.6144, 41.7110



238.6030, -14.5943, 14.3802



132.4500, 4.7082, 76.7814



117.6500, -9.1945, 9.0769



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.



172.4390, -42.6144, 41.7110



189.1840, -59.2507, 57.7206



201.4350, -56.9095, 6.6345



105.8110, -3.3578, 3.6738



111.6010, -55.0193, 53.8469



29.6030, -14.5943, 14.3802

Inverse Universe

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



133.5610, 42.6144, -41.7110



134.8160, 59.2507, -57.7206



104.5650, 56.9095, -6.6345



102.6020, 3.6472, -3.1590



61.3990, 55.0193, -53.8469



16.3970, 14.5943, -14.3802

Previews

White Background



This preview shows how the YUV color 172.4390, -42.6144, 41.7110 looks on a white background.

Color Contrast Check

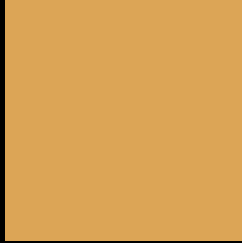
Large Text (above 18pt) WCAG AA × Fail

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 172.4390, -42.6144, 41.7110 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 172.4390, -42.6144, 41.7110

Background



This preview shows how black text looks on a background with the YUV color 172.4390, -42.6144, 41.7110.



This preview shows how white text looks on a background with the YUV color 172.4390, -42.6144, 41.7110.

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

172.4390, -42.6144, 41.7110

Protanopia

170.5780, -40.2180, 19.6641

Deuteranopia

172.4170, -42.6036, 38.2223



Tritanopia

178.2980, -5.0769, 41.8347

Trichromacy



Original Color

172.4390, -42.6144, 41.7110

Protanomaly

171.1060, -40.9713, 27.9710

Deuteranomaly

172.1290, -42.4616, 39.3519

Tritanomaly

176.0410, -18.7542, 42.0600

Monochromacy



Original Color

172.4390, -42.6144, 41.7110

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7880, -15.1785, 15.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4390, -42.6144, 41.7110 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(220, 165, 86)` looks like.

```
.text, #text, p{  
    color:rgb(220, 165, 86)  
}
```

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(220, 165, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 165, 86) }
```

Border

The CSS property to change the border of an element to YUV 172.4390, -42.6144, 41.7110 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(220, 165, 86) }
```


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

```
.border{ border-color:rgb(220, 165, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 165, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 165, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 165, 86);  
box-shadow:4px 4px 4px 4px rgb(220, 165,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 172.4390, -42.6144, 41.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 165, 86) }
```

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

```
.background{ background-color: rgb(220,  
165, 86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor