

Converting Colors

YUV(157.5510, -42.6696,
12.6718)

Have a look what the booklet for
YUV(157.5510, -42.6696, 12.6718)
contains.

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Color

**YUV(157.5510, -42.6696,
12.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA747
RGB	172, 167, 71
RGB Percent	67%, 65%, 28%
CMY	0.3255, 0.3451, 0.7216
CMYK	0.00, 0.03, 0.59, 0.33
HSL	57°, 42%, 48%
HSV	57°, 59%, 67%
XYZ	31.9693, 36.8630, 11.3915
YIQ	157.5510, 33.7960, -28.7960

Conversions

Conversions Part 2

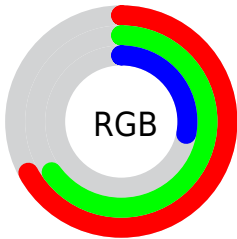
Format	Color
RYB	76, 172, 71
Decimal	11315015
CIELab	67.17, -10.78, 49.16
CIELCh	67, 50.332, 102.373
Yxy	36.8630, 0.3985, 0.4595
Android (android.graphics.Color)	4289505095 (0xFFACA747)
YUV	157.5510, -42.6696, 12.6718
Hunter-Lab	60.7149, -12.2624, 31.3762

Details

The YUV color **157.5510, -42.6696, 12.6718** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **85.4490, 42.6696, -12.6718**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8070, -44.2749, 14.2013**, and **104.3120, -43.5378, 11.1274** is the 20% darker color. If you saturate the color by 10%, you get **155.0260, -49.8058, 14.8862**, and if you desaturate by 10%, it is **160.0760, -35.5335, 10.4573**.

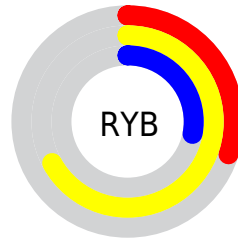
Distribution



Red (67%)

Green (65%)

Blue (28%)



Red (30%)

Yellow (67%)

Blue (28%)

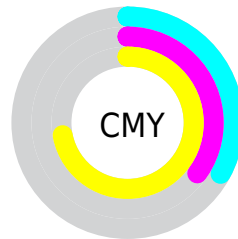


Cyan (0%)

Magenta (3%)

Yellow (59%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.5510, -42.6696, 12.6718 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 157.5510, -42.6696, 12.6718 by changing the saturation by 10% instead.

■ 157.5510,
-42.6696, 12.6718

■ 157.5510,
-42.6696, 12.6718

■ 255.0000, 0.0000,
0.0000

■ 130.9530,
-42.3748, 11.4422

■ 212.8070,
-44.2749, 14.2013

■ 104.3120,
-43.5378, 11.1274

■ 240.0950,
-44.4168, 13.0717

■ 80.6260, -39.7486,
9.0980

■ 246.1080,
-34.0702, 7.7983

■ 59.3510, -29.2600,
4.9542

■ 249.3000,
-21.8399, 4.9989

■ 38.9620, -19.2083,
0.9103

■ 252.6060, -9.1728,
2.0995

■ 18.8500, -9.2930,
-6.0074

■ 0.0000, 0.0000,

0.0000

■ 157.5510,
-42.6696, 12.6718

■ 157.5510,
-42.6696, 12.6718

■ 155.0260,
-49.8058, 14.8862

■ 160.0760,
-35.5335, 10.4573

■ 152.5010,
-56.9420, 17.1006

■ 162.6010,
-28.3973, 8.2429

■ 149.8620,
-64.5150, 19.4150

■ 165.2400,
-20.8243, 5.9285

■ 147.9240,
-71.9405, 21.1147

■ 167.1780,
-13.3988, 4.2289

■ 147.1090,
-72.5247, 21.8294

■ 169.7030, -6.2626,
2.0145

■ 172.2280, 0.8736,
-0.2000

■ 174.7530, 8.0098,
-2.4144

■ 177.3920, 15.5827,
-4.7288

■ 179.9170, 22.7189,
-6.9432

Harmonies

Analogous

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



161.2760, -42.0411, 44.4849



157.5510, -42.6696, 12.6718



151.6800, -28.4362, -26.0294

Triad

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



157.5510, -42.6696, 12.6718



133.4300, 44.1580, -117.0181



167.2780, 12.1879, 57.6382

Complementary

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



157.5510, -42.6696, 12.6718



85.4490, 42.6696, -12.6718

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.



167.9710, 31.0733, 20.1964



157.5510, -42.6696, 12.6718



131.6980, 57.8299, -115.4991

Square

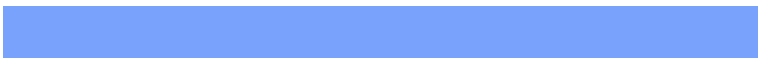
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



157.5510, -42.6696, 12.6718



130.4030, 24.9443, -114.3634



160.0010, 45.3555, -34.2039



164.4700, -9.1057, 74.1328

Rectangle

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



157.5510, -42.6696, 12.6718



144.7220, -12.1879, -57.6382



160.0010, 45.3555, -34.2039



167.9330, 18.7670, 47.4168

Sweetspot

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



157.5510, -42.6696, 12.6718



218.2660, -16.8931, 5.0287



101.7690, -12.7041, 61.5926



108.6770, -10.1938, 2.9143



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



157.5510, -42.6696, 12.6718



201.9930, -66.5515, 19.3001



147.0310, -37.4833, -17.5672



85.3870, -3.6418, 1.4146



128.7910, -63.4940, 18.6003



19.7910, -9.7570, 2.8143

Inverse Universe

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



85.4490, 42.6696, -12.6718



89.5940, 66.2622, -19.8149



95.9690, 37.4833, 17.5672



79.0260, 3.9312, -0.8998



21.2090, 63.4940, -18.6003



3.2090, 9.7570, -2.8143

Previews

White Background



This preview shows how the YUV color 157.5510, -42.6696, 12.6718 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 157.5510, -42.6696, 12.6718 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 157.5510, -42.6696, 12.6718

Background



This preview shows how black text looks on a background with the YUV color 157.5510, -42.6696, 12.6718.



This preview shows how white text looks on a background with the YUV color 157.5510, -42.6696, 12.6718.

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

157.5510, -42.6696, 12.6718

Protanopia

158.6660, -43.7123, 20.4639

Deuteranopia

160.4060, -42.5982, 36.4779



Tritanopia

165.5440, 1.7038, 13.5549

Trichromacy



Original Color

157.5510, -42.6696, 12.6718

Protanomaly

158.0570, -43.4121, 17.4900

Deuteranomaly

159.3510, -42.5710, 27.7562

Tritanomaly

162.8910, -14.7363, 13.2506

Monochromacy



Original Color

157.5510, -42.6696, 12.6718

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.6080, -15.5827, 4.7288

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.5510, -42.6696, 12.6718 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(172, 167, 71)` looks like.

```
.text, #text, p{  
    color:rgb(172, 167, 71)  
}
```

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(172, 167, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 167, 71) }
```

Border

The CSS property to change the border of an element to YUV 157.5510, -42.6696, 12.6718 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(172, 167, 71) }
```


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

```
.border{ border-color:rgb(172, 167, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 167, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 167, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 167, 71);  
box-shadow:4px 4px 4px 4px rgb(172, 167,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 157.5510, -42.6696, 12.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 167, 71) }
```

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

```
.background{ background-color: rgb(172,  
167, 71) }
```

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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