

Converting Colors

YUV(167.6940, -12.6671,
2.8994)

Have a look what the booklet for
YUV(167.6940, -12.6671, 2.8994)
contains.

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Color

**YUV(167.6940, -12.6671,
2.8994)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAB8E
RGB	171, 171, 142
RGB Percent	67%, 67%, 56%
CMY	0.3294, 0.3294, 0.4431
CMYK	0.00, 0.00, 0.17, 0.33
HSL	60°, 15%, 61%
HSV	60°, 17%, 67%
XYZ	36.2400, 39.7367, 31.3511
YIQ	167.6940, 9.3090, -9.0190

Conversions

Conversions Part 2

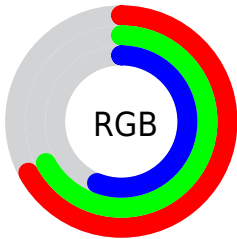
Format	Color
RYB	142, 171, 142
Decimal	11250574
CIELab	69.28, -5.03, 14.97
CIELCh	69, 15.792, 108.564
Yxy	39.7367, 0.3377, 0.3702
Android (android.graphics.Color)	4289440654 (0xFFABAB8E)
YUV	167.6940, -12.6671, 2.8994
Hunter-Lab	63.0371, -7.6954, 14.6385

Details

The YUV color $167.6940, -12.6671, 2.8994$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $145.3060, 12.6671, -2.8994$, and the grayscale version is $168.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.5800, -13.1039, 2.9993$, and $115.9220, -11.7935, 2.6994$ is the 20% darker color. If you saturate the color by 10%, you get $165.7560, -20.0927, 4.5990$, and if you desaturate by 10%, it is $169.6320, -5.2416, 1.1997$.

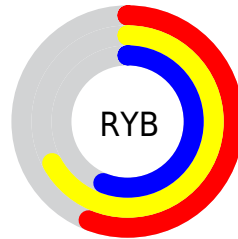
Distribution



Red (67%)

Green (67%)

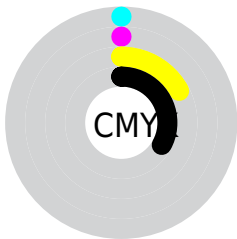
Blue (56%)



Red (56%)

Yellow (67%)

Blue (56%)

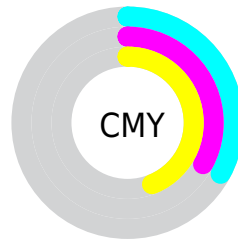


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6940, -12.6671, 2.8994 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 167.6940, -12.6671, 2.8994 by changing the saturation by 10% instead.

■ 167.6940,
-12.6671, 2.8994

■ 167.6940,
-12.6671, 2.8994

■ 255.0000, 0.0000,
0.0000

■ 141.3950,
-12.5197, 2.2846

■ 222.5800,
-13.1039, 2.9993

■ 115.9220,
-11.7935, 2.6994

■ 251.4660,
-13.5407, 3.0993

■ 91.0360, -11.3567,
2.5994

■ 254.6580, -1.3104,
0.2999

■ 67.8510, -10.7725,
1.8847

■ 45.0790, -9.8989,
1.6847

■ 24.2210, -11.9410,
3.3142

■ 0.0000, 0.0000,

0.0000

■ 167.6940,
-12.6671, 2.8994

■ 167.6940,
-12.6671, 2.8994

■ 165.7560,
-20.0927, 4.5990

■ 169.6320, -5.2416,
1.1997

■ 163.8180,
-27.5183, 6.2986

■ 171.5700, 2.1840,
-0.4999

■ 161.8800,
-34.9438, 7.9982

■ 173.5080, 9.6096,
-2.1995

■ 159.9420,
-42.3694, 9.6979

■ 175.4460, 17.0351,
-3.8991

■ 158.0040,
-49.7950, 11.3975

■ 177.3840, 24.4607,
-5.5988

■ 155.9520,
-57.6573, 13.1971

■ 179.4360, 32.3231,
-7.3984

■ 154.0140,
-65.0829, 14.8967

■ 180.5760, 36.6910,
-8.3982

■ 152.0760,
-72.5085, 16.5963

■ 151.5060,
-74.6925, 17.0962

Harmonies

Analogous

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



169.1300, -13.8681, 14.7950



167.6940, -12.6671, 2.8994



166.1700, -7.9718, -9.7961

Triad

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



167.6940, -12.6671, 2.8994



165.0380, 12.3063, -27.2203



172.1750, 1.3927, 20.0175

Complementary

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



167.6940, -12.6671, 2.8994



145.3060, 12.6671, -2.8994

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.



171.5310, 8.1192, 9.1813



167.6940, -12.6671, 2.8994



167.3750, 14.6051, -17.8689

Square

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



167.6940, -12.6671, 2.8994



163.6590, 7.0701, -27.7649



169.7080, 12.9620, -4.1289



171.4870, -5.1701, 25.0059

Rectangle

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



167.6940, -12.6671, 2.8994



164.9670, -3.4347, -18.3881



169.7080, 12.9620, -4.1289



171.5490, 4.1663, 17.0585

Sweetspot

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



167.6940, -12.6671, 2.8994



220.7460, -4.8048, 1.0998



150.6710, -4.2748, 17.8285



111.2020, -3.0576, 0.6998



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.



167.6940, -12.6671, 2.8994



216.8700, -19.6559, 4.4990



163.2090, -10.4560, -6.3223



85.9740, -3.9312, 0.8998



132.9000, -65.5197, 14.9967



20.3780, -10.0464, 2.2995

Inverse Universe

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



145.3060, 12.6671, -2.8994



182.1300, 19.6559, -4.4990



149.4920, 10.6034, 5.7075



79.0260, 3.9312, -0.8998



17.1000, 65.5197, -14.9967



2.6220, 10.0464, -2.2995

Previews

White Background



This preview shows how the YUV color 167.6940, -12.6671, 2.8994 looks on a white background.

Color Contrast Check

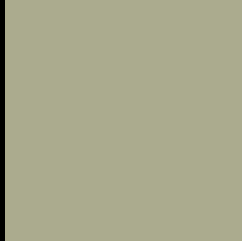
Large Text (above 18pt) WCAG AA × Fail

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 167.6940, -12.6671, 2.8994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

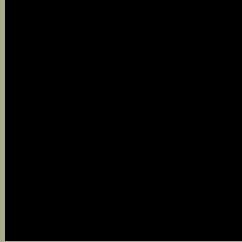
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.6940, -12.6671, 2.8994

Background



This preview shows how black text looks on a background with the YUV color 167.6940, -12.6671, 2.8994.



This preview shows how white text looks on a background with the YUV color 167.6940, -12.6671, 2.8994.

2.8994.

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

167.6940, -12.6671, 2.8994

Protanopia

168.4990, -13.5570, 8.3324

Deuteranopia

170.1030, -12.8688, 20.9577



Tritanopia

170.4720, 4.2043, 4.8481

Trichromacy



Original Color

167.6940, -12.6671, 2.8994

Protanomaly

168.1890, -13.4042, 5.9732

Deuteranomaly

169.3580, -12.9945, 14.5950

Tritanomaly

169.5660, -1.7580, 3.8886

Monochromacy



Original Color

167.6940, -12.6671, 2.8994

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6940, -12.6671, 2.8994 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(171, 171, 142)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 142)  
}
```

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(171, 171, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 142) }
```

Border

The CSS property to change the border of an element to YUV 167.6940, -12.6671, 2.8994 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(171, 171, 142) }
```


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

```
.border{ border-color:rgb(171, 171, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 171, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 142);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 167.6940, -12.6671, 2.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 142) }
```

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

```
.background{ background-color: rgb(171,  
171, 142) }
```

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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