

Converting Colors

YUV(166.6840, -14.1412,
9.0471)

Have a look what the booklet for
YUV(166.6840, -14.1412, 9.0471)
contains.

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Color

**YUV(166.6840, -14.1412,
9.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A78A
RGB	177, 167, 138
RGB Percent	69%, 65%, 54%
CMY	0.3059, 0.3451, 0.4588
CMYK	0.00, 0.06, 0.22, 0.31
HSL	45°, 20%, 62%
HSV	45°, 22%, 69%
XYZ	36.5376, 38.8195, 29.6119
YIQ	166.6840, 15.2690, -6.8990

Conversions

Conversions Part 2

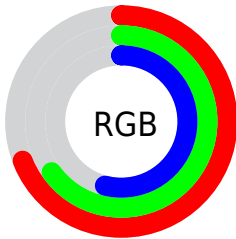
Format	Color
RYB	151, 177, 138
Decimal	11642762
CIELab	68.62, -1.19, 16.32
CIELCh	69, 16.362, 94.162
Yxy	38.8195, 0.3481, 0.3698
Android (android.graphics.Color)	4289832842 (0xFFB1A78A)
YUV	166.6840, -14.1412, 9.0471
Hunter-Lab	62.3053, -4.3568, 15.4349

Details

The YUV color **166.6840, -14.1412, 9.0471** is a light color, and the websafe version is hex **999966**. A complement of this color would be **148.3160, 14.1412, -9.0471**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8690, -14.7254, 9.7619**, and **114.6130, -13.1202, 8.2324** is the 20% darker color. If you saturate the color by 10%, you get **161.6970, -20.5566, 13.4207**, and if you desaturate by 10%, it is **171.6710, -7.7258, 4.6735**.

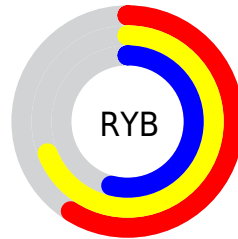
Distribution



Red (69%)

Green (65%)

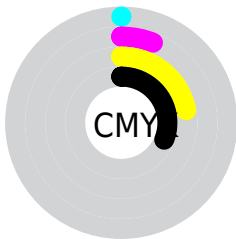
Blue (54%)



Red (59%)

Yellow (69%)

Blue (54%)

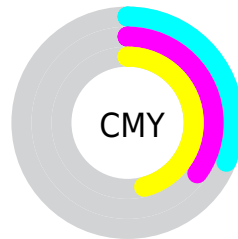


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6840, -14.1412, 9.0471 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 166.6840, -14.1412, 9.0471 by changing the saturation by 10% instead.

■ 166.6840,
-14.1412, 9.0471

■ 166.6840,
-14.1412, 9.0471

255.0000, 0.0000,
0.0000

■ 140.4990,
-13.5570, 8.3324

■ 221.8690,
-14.7254, 9.7619

■ 114.6130,
-13.1202, 8.2324

■ 248.5480,
-14.5672, 5.6584

■ 90.3140, -12.9728,
7.6176

■ 254.2020, -3.0576,
0.6998

■ 66.5420, -12.0992,
7.4177

■ 44.0580, -11.3676,
6.0881

■ 23.3570, -11.5150,
6.7029

■ 0.0000, 0.0000,

0.0000

■ 166.6840,
-14.1412, 9.0471

■ 166.6840,
-14.1412, 9.0471

■ 161.6970,
-20.5566, 13.4207

■ 171.6710, -7.7258,
4.6735

■ 157.4110,
-26.8246, 17.1796

■ 175.9570, -1.4578,
0.9147

■ 152.4240,
-33.2400, 21.5532

■ 180.9440, 4.9576,
-3.4589

■ 148.0240,
-39.9448, 25.4120

■ 185.3440, 11.6624,
-7.3177

■ 143.1510,
-45.9234, 29.6856

■ 190.3310, 18.0778,
-11.6913

■ 138.7510,
-52.6282, 33.5444

■ 194.6170, 24.3458,
-15.4501

■ 133.7640,
-59.0437, 37.9180

■ 198.8060, 27.7036,
-19.1239

■ 130.4070,
-64.2907, 40.8621

■ 201.1540, 26.5461,
-21.1831

■ 204.0890, 25.0991,
-23.7571

Harmonies

Analogous

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



167.9780, -13.3002, 19.3133



166.6840, -14.1412, 9.0471



165.1060, -10.8983, -4.4780

Triad

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



166.6840, -14.1412, 9.0471



161.8590, 10.4225, -29.6943



170.4780, 5.1873, 16.2438

Complementary

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



166.6840, -14.1412, 9.0471



148.3160, 14.1412, -9.0471

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.



169.2960, 11.1931, 3.2484



166.6840, -14.1412, 9.0471



163.9290, 14.3320, -23.6167

Square

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



166.6840, -14.1412, 9.0471



162.0460, 3.4283, -26.3503



167.1200, 14.7308, -11.5062



169.9860, -1.9651, 23.6913

Rectangle

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



166.6840, -14.1412, 9.0471



163.7890, -6.7980, -12.9700



167.1200, 14.7308, -11.5062



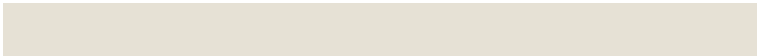
170.0260, 7.3822, 12.2552

Sweetspot

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



166.6840, -14.1412, 9.0471



225.1270, -5.9786, 4.2736



150.8010, -1.3809, 22.9765



112.2130, -3.0630, 2.4442



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



166.6840, -14.1412, 9.0471



213.7680, -21.5776, 14.2355



169.8630, -15.7085, -1.6339



86.8000, -3.3524, 1.9294



112.6650, -55.5438, 35.3738



18.9270, -9.3310, 6.2030

Inverse Universe

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



148.3160, 14.1412, -9.0471



185.6450, 21.8670, -13.7207



145.1370, 15.7085, 1.6339



82.7870, 3.0630, -2.4442



40.3350, 55.5438, -35.3738



7.0730, 9.3310, -6.2030

Previews

White Background



This preview shows how the YUV color 166.6840, -14.1412, 9.0471 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 166.6840, -14.1412, 9.0471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

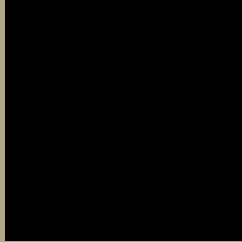
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.6840, -14.1412, 9.0471

Background



This preview shows how black text looks on a background with the YUV color 166.6840, -14.1412, 9.0471.



This preview shows how white text looks on a background with the YUV color 166.6840, -14.1412, 9.0471.

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

166.6840, -14.1412, 9.0471

Protanopia

166.6840, -14.1412, 9.0471

Deuteranopia

168.0600, -14.3266, 21.8724



Tritanopia

169.4620, 2.7302, 10.9958

Trichromacy



Original Color

166.6840, -14.1412, 9.0471

Protanomaly

166.6840, -14.1412, 9.0471

Deuteranomaly

167.4400, -14.0209, 17.1541

Tritanomaly

168.5560, -3.2321, 10.0364

Monochromacy



Original Color

166.6840, -14.1412, 9.0471

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9420, -5.3944, 3.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6840, -14.1412, 9.0471 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(177, 167, 138)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 138)  
}
```

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(177, 167, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 138) }
```

Border

The CSS property to change the border of an element to YUV 166.6840, -14.1412, 9.0471 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(177, 167, 138) }
```


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

```
.border{ border-color:rgb(177, 167, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 167, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 167, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 167, 138);  
box-shadow:4px 4px 4px 4px rgb(177, 167,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 166.6840, -14.1412, 9.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 138) }
```

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

```
.background{ background-color: rgb(177,  
167, 138) }
```

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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