

Converting Colors

YUV(144.9690, -3.4357,
-64.8708)

Have a look what the booklet for
YUV(144.9690, -3.4357, -64.8708)
contains.

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Color

**YUV(144.9690, -3.4357,
-64.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	47B88A
RGB	71, 184, 138
RGB Percent	28%, 72%, 54%
CMY	0.7216, 0.2784, 0.4588
CMYK	0.61, 0.00, 0.25, 0.28
HSL	156°, 44%, 50%
HSV	156°, 61%, 72%
XYZ	24.3265, 37.4556, 29.9923
YIQ	144.9690, -52.5820, -38.2620

Conversions

Conversions Part 2

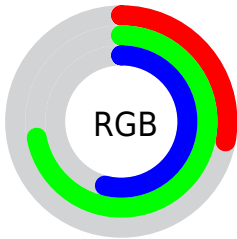
Format	Color
RYB	71, 142, 184
Decimal	4700298
CIELab	67.62, -42.96, 14.04
CIELCh	68, 45.199, 161.907
Yxy	37.4556, 0.2651, 0.4081
Android (android.graphics.Color)	4282890378 (0xFF47B88A)
YUV	144.9690, -3.4357, -64.8708
Hunter-Lab	61.2009, -36.1505, 13.7849

Details

The YUV color **144.9690, -3.4357, -64.8708** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **110.0310, 3.4357, 64.8708**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2250, -5.0409, -63.3413**, and **86.3420, 0.8174, -75.7219** is the 20% darker color. If you saturate the color by 10%, you get **138.7890, -3.8400, -75.2370**, and if you desaturate by 10%, it is **151.1490, -3.0315, -54.5047**.

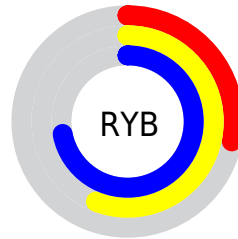
Distribution



Red (28%)

Green (72%)

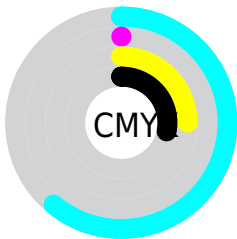
Blue (54%)



Red (28%)

Yellow (56%)

Blue (72%)

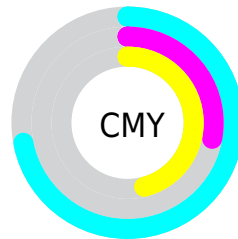


Cyan (61%)

Magenta (0%)

Yellow (25%)

Black (28%)



Cyan (72%)

Magenta (28%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.9690, -3.4357, -64.8708 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 144.9690, -3.4357, -64.8708 by changing the saturation by 10% instead.

 144.9690, -3.4357,
-64.8708


 144.9690, -3.4357,
-64.8708


255.0000, 0.0000,
0.0000


 115.9900, -1.9671,
-69.2742


 202.2250, -5.0409,
-63.3413

 86.3420, 0.8174,
-75.7219


 222.1920, -1.5737,
-55.4194


 68.3440, -2.1416,
-59.9377


 234.1690, 6.8187,
-40.4902

 51.1610, -4.5164,
-44.8682

 243.6380, 5.6015,
-23.3615

 34.6790, -6.7437,
-30.4135

 252.6080, 1.1793,
-4.9182

 19.9580, -9.8393,
-17.5032

 0.0000, 0.0000,

0.0000

■ 144.9690, -3.4357,
-64.8708

■ 144.9690, -3.4357,
-64.8708

■ 138.7890, -3.8400,
-75.2370

■ 151.1490, -3.0315,
-54.5047

■ 132.1960, -4.5336,
-86.1179

■ 157.7420, -2.3378,
-43.6237

■ 126.0160, -4.9379,
-96.4840

■ 163.9220, -1.9335,
-33.2576

■ 120.4340, -5.6370,
-105.6206

■ 170.5150, -1.2399,
-22.3767

■ 176.6950, -0.8356,
-12.0105

■ 182.9890, 0.0054,
-1.7444

■ 189.4680, 0.2623,
9.2366

■ 195.7620, 1.1033,
19.5027

■ 202.2410, 1.3602,
30.4836

Harmonies

Analogous

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



154.6850, -25.9737, -22.5257



144.9690, -3.4357, -64.8708



129.7020, 24.7969, -113.7487

Triad

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



144.9690, -3.4357, -64.8708



161.7690, 40.5399, -29.6154



164.6260, -25.9446, 61.7180

Complementary

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



144.9690, -3.4357, -64.8708



110.0310, 3.4357, 64.8708

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.



166.3550, -8.0630, 66.3407



144.9690, -3.4357, -64.8708



169.1510, 28.0266, 17.4076

Square

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



144.9690, -3.4357, -64.8708



134.4880, 53.0034, -107.4220



169.1910, 10.7518, 51.5755



163.1060, -37.5203, 41.1260

Rectangle

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



144.9690, -3.4357, -64.8708



132.0790, 36.4431, -115.8333



169.1910, 10.7518, 51.5755



165.7280, -20.5719, 65.1365

Sweetspot

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



144.9690, -3.4357, -64.8708



225.0910, -1.5239, -24.6358



151.3840, -39.6293, -29.2778



110.6730, -0.8248, -15.4992



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



144.9690, -3.4357, -64.8708



178.4560, -5.6478, -102.1319



144.9300, 19.2615, -64.8366



88.8530, -0.4205, -5.1331



102.0600, -4.9596, -89.5066



18.3740, -0.6774, -16.1140

Inverse Universe

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



110.0310, 3.4357, 64.8708



123.5440, 5.6478, 102.1319



110.0700, -19.2615, 64.8366



86.0330, -0.0163, 5.2331



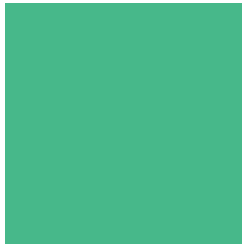
53.8260, 4.5228, 89.6066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 144.9690, -3.4357, -64.8708 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 144.9690, -3.4357, -64.8708 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 144.9690, -3.4357, -64.8708

Background



This preview shows how black text looks on a background with the YUV color 144.9690, -3.4357, -64.8708.



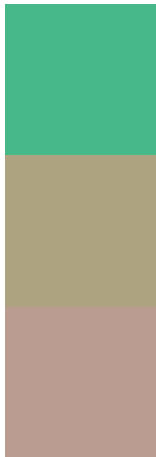
This preview shows how white text looks on a background with the YUV color 144.9690, -3.4357, -64.8708.

-64.8708.

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

144.9690, -3.4357, -64.8708

Protanopia

162.2990, -16.9094, 10.2618

Deuteranopia

164.1890, -9.9532, 19.1282



Tritanopia

152.5830, 18.9396, -54.8853

Trichromacy



Original Color

144.9690, -3.4357, -64.8708



Protanomaly

156.3880, -12.0233, -17.0033



Deuteranomaly

157.2730, -7.5296, -11.6404



Tritanomaly

150.0850, 10.8041, -58.8335

Monochromacy



Original Color

144.9690, -3.4357, -64.8708



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

144.8030, -1.3819, -23.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.9690, -3.4357, -64.8708 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(71, 184, 138)` looks like.

```
.text, #text, p{  
    color:rgb(71, 184, 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(71, 184, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 184, 138) }
```

Border

The CSS property to change the border of an element to YUV 144.9690, -3.4357, -64.8708 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(71, 184, 138) }
```


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

```
.border{ border-color:rgb(71, 184, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 184, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 184, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 184, 138);  
box-shadow:4px 4px 4px 4px rgb(71, 184,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 144.9690, -3.4357, -64.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 184, 138) }
```

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

```
.background{ background-color: rgb(71, 184,  
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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