

Converting Colors

YUV(169.4000, -53.9342,
-14.3828)

Have a look what the booklet for
YUV(169.4000, -53.9342, -14.3828)
contains.

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Color

**YUV(169.4000, -53.9342,
-14.3828)**

Conversions

Conversions Part 1

Format	Color
Hex	99C73C
RGB	153, 199, 60
RGB Percent	60%, 78%, 24%
CMY	0.4000, 0.2196, 0.7647
CMYK	0.23, 0.00, 0.70, 0.22
HSL	80°, 55%, 51%
HSV	80°, 70%, 78%
XYZ	34.3759, 47.9454, 11.7176
YIQ	169.4000, 17.2030, -52.9810

Conversions

Conversions Part 2

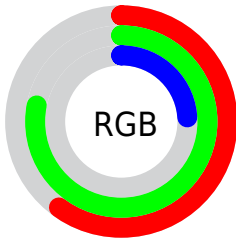
Format	Color
RYB	60, 199, 106
Decimal	10078012
CIELab	74.79, -35.10, 61.40
CIELCh	75, 70.728, 119.752
Yxy	47.9454, 0.3656, 0.5098
Android (android.graphics.Color)	4288268092 (0xFF99C73C)
YUV	169.4000, -53.9342, -14.3828
Hunter-Lab	69.2426, -32.5572, 38.4365

Details

The YUV color **169.4000, -53.9342, -14.3828** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **89.6000, 53.9342, 14.3828**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5850, -54.5184, -13.6680**, and **114.1180, -56.2602, -15.0125** is the 20% darker color. If you saturate the color by 10%, you get **165.0270, -61.6383, -16.6867**, and if you desaturate by 10%, it is **173.7730, -46.2301, -12.0789**.

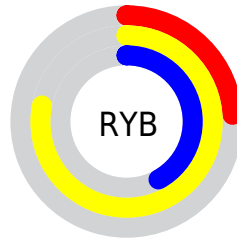
Distribution



Red (60%)

Green (78%)

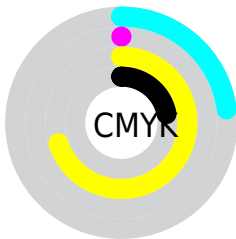
Blue (24%)



Red (24%)

Yellow (78%)

Blue (42%)

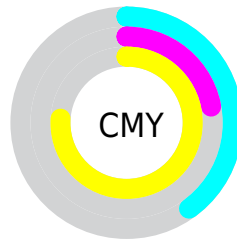


Cyan (23%)

Magenta (0%)

Yellow (70%)

Black (22%)



Cyan (40%)

Magenta (22%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.4000, -53.9342, -14.3828 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 169.4000, -53.9342, -14.3828 by changing the saturation by 10% instead.

■ 169.4000,
-53.9342, -14.3828

■ 169.4000,
-53.9342, -14.3828

■ 255.0000, 0.0000,
0.0000

■ 141.6450,
-55.5340, -14.5977

■ 225.5850,
-54.5184, -13.6680

■ 114.1180,
-56.2602, -15.0125

■ 237.7470,
-46.7103, 1.9759

■ 90.7830, -44.7560,
-18.2267

■ 245.4240,
-36.6910, 8.3982

■ 68.0350, -33.5413,
-21.9557

■ 248.6160,
-24.4607, 5.5988

■ 42.8840, -21.1418,
-32.3473

■ 251.9220,
-11.7935, 2.6994

■ 27.5890, -13.6014,
-24.1956

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 169.4000,
-53.9342, -14.3828

■ 169.4000,
-53.9342, -14.3828

■ 165.0270,
-61.6383, -16.6867

■ 173.7730,
-46.2301, -12.0789

■ 160.9530,
-69.4898, -18.3758

■ 177.8470,
-38.3786, -10.3898

■ 156.5800,
-77.1939, -20.6797

■ 182.2200,
-30.6745, -8.0859

■ 186.2940,
-22.8229, -6.3968

■ 190.6670,
-15.1188, -4.0930

■ 194.9260, -7.8515,
-1.6891

■ 199.0000, 0.0000,
0.0000

■ 203.3730, 7.7041,
2.3039

■ 207.4470, 15.5556,
3.9930

Harmonies

Analogous

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



175.6470, -68.3530, 37.1436



169.4000, -53.9342, -14.3828



151.0310, -17.7633, -89.4812

Triad

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



169.4000, -53.9342, -14.3828



150.5790, 51.4796, -132.0578



169.1770, 8.7867, 75.2668

Complementary

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



169.4000, -53.9342, -14.3828



89.6000, 53.9342, 14.3828

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.



186.4520, 31.8222, 60.1166



169.4000, -53.9342, -14.3828



141.7740, 55.8204, -124.3358

Square

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



169.4000, -53.9342, -14.3828



153.7760, 45.9594, -134.8616



181.8160, 36.0797, 1.0384



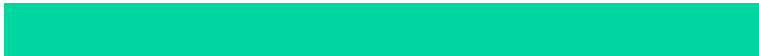
167.1640, -21.7729, 77.0322

Rectangle

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



169.4000, -53.9342, -14.3828



143.7440, 7.5212, -126.0635



181.8160, 36.0797, 1.0384



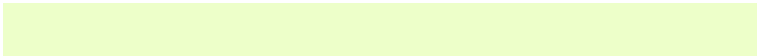
173.4460, 17.5281, 71.5229

Sweetspot

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



169.4000, -53.9342, -14.3828



243.4620, -20.9338, -5.6672



127.3890, -33.2228, 62.8028



121.0630, -12.3561, -3.5633



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.



169.4000, -53.9342, -14.3828



209.3750, -83.0089, -22.2539



149.0680, -43.9105, -56.1876



97.0770, -3.4890, -0.9445



128.2720, -63.2381, -16.9015



28.3080, -13.9558, -3.7781

Inverse Universe

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



89.6000, 53.9342, 14.3828



86.6250, 83.0089, 22.2539



109.9320, 43.9105, 56.1876



91.9230, 3.4890, 0.9445



34.7280, 63.2381, 16.9015



7.6920, 13.9558, 3.7781

Previews

White Background



This preview shows how the YUV color 169.4000, -53.9342, -14.3828 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 169.4000, -53.9342, -14.3828 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 169.4000, -53.9342, -14.3828 Background



This preview shows how black text looks on a background with the YUV color 169.4000, -53.9342, -14.3828.



This preview shows how white text looks on a background with the YUV color 169.4000, -53.9342, -14.3828.

-14.3828.

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

169.4000, -53.9342, -14.3828

Protanopia

175.9860, -59.1531, 26.3223

Deuteranopia

178.4750, -53.9712, 44.3104



Tritanopia

182.6270, 9.0579, -11.9509

Trichromacy



Original Color

169.4000, -53.9342, -14.3828

Protanomaly

173.3540, -57.3625, 11.9675

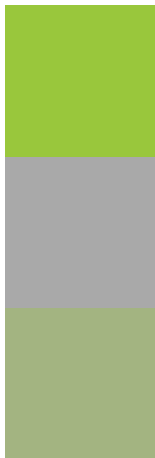
Deuteranomaly

175.0440, -53.7587, 22.7634

Tritanomaly

177.9540, -13.7813, -13.1147

Monochromacy



Original Color

169.4000, -53.9342, -14.3828

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.1030, -19.7708, -5.3523

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.4000, -53.9342, -14.3828 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(153, 199, 60)` looks like.

```
.text, #text, p{  
    color:rgb(153, 199, 60)  
}
```

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(153, 199, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 199, 60) }
```

Border

The CSS property to change the border of an element to YUV 169.4000, -53.9342, -14.3828 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(153, 199, 60) }
```


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

```
.border{ border-color:rgb(153, 199, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 199, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 199, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 199, 60);  
box-shadow:4px 4px 4px 4px rgb(153, 199,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 169.4000, -53.9342, -14.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 199, 60) }
```

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

```
.background{ background-color: rgb(153,  
199, 60) }
```

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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