

Converting Colors

YUV(167.1140, -39.9892,
-7.1160)

Have a look what the booklet for
YUV(167.1140, -39.9892, -7.1160)
contains.

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Color

**YUV(167.1140, -39.9892,
-7.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBB56
RGB	159, 187, 86
RGB Percent	62%, 73%, 34%
CMY	0.3765, 0.2667, 0.6627
CMYK	0.15, 0.00, 0.54, 0.27
HSL	77°, 43%, 54%
HSV	77°, 54%, 73%
XYZ	33.7481, 43.5835, 15.4378
YIQ	167.1140, 15.7330, -37.3470

Conversions

Conversions Part 2

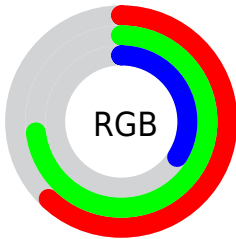
Format	Color
RYB	86, 187, 114
Decimal	10468182
CIELab	71.95, -25.03, 47.35
CIELCh	72, 53.558, 117.867
Yxy	43.5835, 0.3638, 0.4698
Android (android.graphics.Color)	4288658262 (0xFF9FBB56)
YUV	167.1140, -39.9892, -7.1160
Hunter-Lab	66.0178, -24.2824, 32.3479

Details

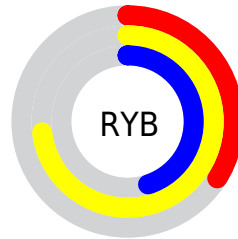
The YUV color **167.1140, -39.9892, -7.1160** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **105.8860, 39.9892, 7.1160**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7720, -41.2996, -6.8160**, and **113.9290, -39.4050, -7.8307** is the 20% darker color. If you saturate the color by 10%, you get **163.4530, -47.5513, -8.2903**, and if you desaturate by 10%, it is **170.7750, -32.4271, -5.9417**.

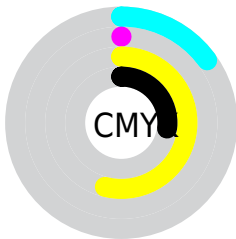
Distribution



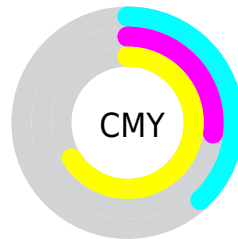
- Red (62%)
- Green (73%)
- Blue (34%)



- Red (34%)
- Yellow (73%)
- Blue (45%)



- Cyan (15%)
- Magenta (0%)
- Yellow (54%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.1140, -39.9892, -7.1160 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 167.1140, -39.9892, -7.1160 by changing the saturation by 10% instead.

■ 167.1140,
-39.9892, -7.1160

■ 167.1140,
-39.9892, -7.1160

■ 255.0000, 0.0000,
0.0000

■ 140.2280,
-39.5524, -7.2160

■ 222.7720,
-41.2996, -6.8160

■ 113.9290,
-39.4050, -7.8307

■ 241.8640,
-37.4010, 2.7503

■ 87.1310, -42.4626,
-7.1309

■ 247.9320,
-27.0815, 6.1986

■ 65.4540, -32.2688,
-10.0452

■ 251.2380,
-14.4143, 3.2993

■ 44.1790, -21.7802,
-14.1890

■ 254.5440, -1.7472,
0.3999

■ 22.8930, -11.2862,
-20.0772

■ 7.6310, -3.7621,

-6.6924

■ 0.0000, 0.0000,
0.0000

■ 167.1140,
-39.9892, -7.1160

■ 167.1140,
-39.9892, -7.1160

■ 163.4530,
-47.5513, -8.2903

■ 170.7750,
-32.4271, -5.9417

■ 159.9060,
-54.6767, -9.5646

■ 174.3220,
-25.3017, -4.6674

■ 155.9460,
-62.0914, -11.3536

■ 178.2820,
-17.8870, -2.8783

■ 152.2850,
-69.6535, -12.5279

■ 181.9430,
-10.3249, -1.7040

■ 150.1340,
-74.0161, -13.2725

■ 185.4900, -3.1996,
-0.4297

■ 189.1510, 4.3626,
0.7446

■ 192.8120, 11.9247,
1.9189

■ 196.4730, 19.4868,
3.0932

■ 200.3190, 26.4647,
4.9822

Harmonies

Analogous

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



171.7060, -47.6761, 31.8298



167.1140, -39.9892, -7.1160



157.9630, -17.7298, -53.4646

Triad

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



167.1140, -39.9892, -7.1160



143.5350, 54.9522, -125.8802



176.2380, 2.8407, 69.0743

Complementary

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



167.1140, -39.9892, -7.1160



105.8860, 39.9892, 7.1160

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.



181.4750, 23.4298, 45.1874



167.1140, -39.9892, -7.1160



158.0190, 47.8116, -75.4387

Square

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



167.1140, -39.9892, -7.1160



142.5940, 38.6542, -125.0549



177.9510, 37.9852, -3.4650



173.0000, -19.7200, 71.9140

Rectangle

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



167.1140, -39.9892, -7.1160



136.7500, 8.5043, -114.6677



177.9510, 37.9852, -3.4650



179.2360, 9.2507, 66.4450

Sweetspot

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



167.1140, -39.9892, -7.1160



234.5640, -15.5611, -2.2486



132.0480, -22.7017, 48.1929



117.5840, -9.1619, -1.3892



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



167.1140, -39.9892, -7.1160



211.2450, -62.2388, -10.7389



152.4630, -32.7663, -37.2401



92.3760, -3.6364, -0.3298



126.8320, -62.5282, -11.2537



24.7750, -12.2141, -2.4337

Inverse Universe

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



105.8860, 39.9892, 7.1160



115.7550, 62.2388, 10.7389



120.5370, 32.7663, 37.2401



86.9230, 3.4890, 0.9445



31.1680, 62.5282, 11.2537



5.9260, 12.3615, 1.8189

Previews

White Background



This preview shows how the YUV color 167.1140, -39.9892, -7.1160 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 167.1140, -39.9892, -7.1160 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 167.1140, -39.9892, -7.1160 Background



This preview shows how black text looks on a background with the YUV color 167.1140, -39.9892, -7.1160.



This preview shows how white text looks on a background with the YUV color 167.1140, -39.9892, -7.1160.

-7.1160.

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

167.1140, -39.9892, -7.1160

Protanopia

171.0790, -43.4229, 20.9787

Deuteranopia

173.5740, -40.7090, 37.2076



Tritanopia

176.4000, 6.7048, -3.8588

Trichromacy



Original Color

167.1140, -39.9892, -7.1160

Protanomaly

169.6540, -42.2274, 10.8274

Deuteranomaly

171.1760, -40.5128, 20.8936

Tritanomaly

172.9210, -10.3141, -5.1927

Monochromacy



Original Color

167.1140, -39.9892, -7.1160

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9060, -14.2507, -2.5486

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.1140, -39.9892, -7.1160 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(159, 187, 86)` looks like.

```
.text, #text, p{  
    color:rgb(159, 187, 86)  
}
```

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(159, 187, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 187, 86) }
```

Border

The CSS property to change the border of an element to YUV 167.1140, -39.9892, -7.1160 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(159, 187, 86) }
```


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

```
.border{ border-color:rgb(159, 187, 86) }
```

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

Here you see how a box with a 4 pixel rgb(159, 187, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 187, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 187, 86);  
box-shadow:4px 4px 4px 4px rgb(159, 187,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 167.1140, -39.9892, -7.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 187, 86) }
```

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

```
.background{ background-color: rgb(159,  
187, 86) }
```

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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