

Converting Colors

YUV(133.5360, -33.2952,
-7.4861)

Have a look what the booklet for
YUV(133.5360, -33.2952, -7.4861)
contains.

YUV(133.5360, -33.2952, -7.4861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(133.5360, -33.2952,
-7.4861)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9742
RGB	125, 151, 66
RGB Percent	49%, 59%, 26%
CMY	0.5098, 0.4078, 0.7412
CMYK	0.17, 0.00, 0.56, 0.41
HSL	78°, 39%, 43%
HSV	78°, 56%, 59%
XYZ	20.5074, 26.8865, 9.2630
YIQ	133.5360, 11.7890, -31.9470

Conversions

Conversions Part 2

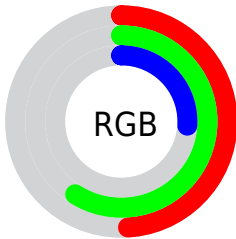
Format	Color
RYB	66, 151, 92
Decimal	8230722
CIELab	58.87, -22.82, 41.12
CIELCh	59, 47.032, 119.030
Yxy	26.8865, 0.3620, 0.4745
Android (android.graphics.Color)	4286420802 (0xFF7D9742)
YUV	133.5360, -33.2952, -7.4861
Hunter-Lab	51.8522, -20.1451, 25.7048

Details

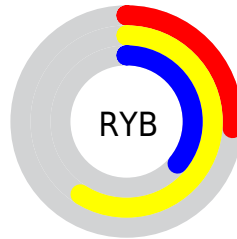
The YUV color **133.5360, -33.2952, -7.4861** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **83.4640, 33.2952, 7.4861**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1940, -34.6056, -7.1861**, and **82.1230, -33.5846, -8.0009** is the 20% darker color. If you saturate the color by 10%, you get **130.3310, -39.1102, -9.0603**, and if you desaturate by 10%, it is **136.7410, -27.4803, -5.9119**.

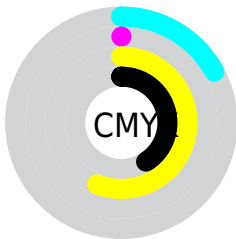
Distribution



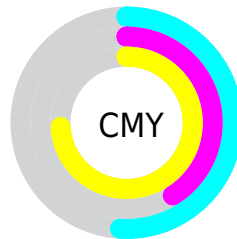
- Red (49%)
- Green (59%)
- Blue (26%)



- Red (26%)
- Yellow (59%)
- Blue (36%)



- Cyan (17%)
- Magenta (0%)
- Yellow (56%)
- Black (41%)



- Cyan (51%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5360, -33.2952, -7.4861 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 133.5360, -33.2952, -7.4861 by changing the saturation by 10% instead.

■ 133.5360,
-33.2952, -7.4861

■ 133.5360,
-33.2952, -7.4861

■ 255.0000, 0.0000,
0.0000

■ 107.6500,
-32.8585, -7.5861

■ 187.1940,
-34.6056, -7.1861

■ 82.1230, -33.5846,
-8.0009

■ 215.8520,
-35.9160, -6.8862

■ 59.2630, -29.2167,
-9.0007

■ 239.6290,
-34.3271, -3.1826

■ 38.2870, -18.8755,
-12.5297

■ 248.5020,
-24.8975, 5.6987

■ 19.3710, -9.5499,
-16.9884

■ 251.6940,
-12.6671, 2.8994

■ 0.0000, 0.0000,
0.0000

■ 133.5360,
-33.2952, -7.4861

■ 133.5360,
-33.2952, -7.4861

■ 130.3310,
-39.1102, -9.0603

■ 136.7410,
-27.4803, -5.9119

■ 127.4250,
-45.0725, -10.0197

■ 139.6470,
-21.5180, -4.9524

■ 124.2200,
-50.8875, -11.5939

■ 142.8520,
-15.7030, -3.3782

■ 121.3140,
-56.8498, -12.5534

■ 145.7580, -9.7407,
-2.4188

■ 120.0320,
-59.1758, -13.1831

■ 149.0770, -3.4890,
-0.9445

■ 152.2820, 2.3260,
0.6297

■ 155.1880, 8.2883,
1.5891

■ 158.3930, 14.1033,

3.1633

■ 161.5980, 19.9182,
4.7376

Harmonies

Analogous

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



137.6110, -40.2342, 24.8972



133.5360, -33.2952, -7.4861



125.6200, -14.1097, -47.9017

Triad

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



133.5360, -33.2952, -7.4861



116.3270, 47.1668, -102.0188



143.3360, 0.8204, 63.7263

Complementary

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



133.5360, -33.2952, -7.4861



83.4640, 33.2952, 7.4861

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.



145.7040, 19.3729, 39.7246



133.5360, -33.2952, -7.4861



127.6830, 47.4843, -63.7430

Square

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



133.5360, -33.2952, -7.4861



115.6140, 31.7423, -101.3935



143.7510, 34.6328, -1.5356



141.3090, -18.3933, 66.3810

Rectangle

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



133.5360, -33.2952, -7.4861



108.7570, 8.0078, -95.3799



143.7510, 34.6328, -1.5356



144.3120, 7.2412, 57.6084

Sweetspot

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



133.5360, -33.2952, -7.4861



189.2480, -12.9403, -2.8485



106.6770, -20.0538, 38.8713



95.0400, -7.4147, -1.7891



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



133.5360, -33.2952, -7.4861



168.8780, -52.1979, -11.2940



120.9780, -27.1042, -33.3067



75.1910, -3.0522, -1.0445



111.1830, -54.8132, -12.4385



10.3220, -5.0887, -1.1594

Inverse Universe

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



83.4640, 33.2952, 7.4861



90.4210, 52.0504, 11.9088



96.0220, 27.1042, 33.3067



70.5100, 3.1996, 0.4297



28.8170, 54.8132, 12.4385



2.6780, 5.0887, 1.1594

Previews

White Background



This preview shows how the YUV color 133.5360, -33.2952, -7.4861 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.5360, -33.2952, -7.4861 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 × Fail

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

YUV 133.5360, -33.2952, -7.4861 Background



This preview shows how black text looks on a background with the YUV color 133.5360, -33.2952, -7.4861.



This preview shows how white text looks on a background with the YUV color 133.5360, -33.2952, -7.4861.

-7.4861.

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

133.5360, -33.2952, -7.4861

Protanopia

137.4790, -36.7181, 17.1199

Deuteranopia

139.2510, -34.1407, 30.4749



Tritanopia

141.4600, 5.6892, -4.7884

Trichromacy



Original Color

133.5360, -33.2952, -7.4861

Protanomaly

135.7660, -35.3806, 8.0982

Deuteranomaly

137.2770, -33.6606, 16.4201

Tritanomaly

138.3770, -8.5669, -5.5926

Monochromacy



Original Color

133.5360, -33.2952, -7.4861

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7750, -12.2141, -2.4337

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5360, -33.2952, -7.4861 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(125, 151, 66)` looks like.

```
.text, #text, p{  
    color:rgb(125, 151, 66)  
}
```

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(125, 151, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 151, 66) }
```

Border

The CSS property to change the border of an element to YUV 133.5360, -33.2952, -7.4861 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(125, 151, 66) }
```


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

```
.border{ border-color:rgb(125, 151, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 151, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 151, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 151, 66);  
box-shadow:4px 4px 4px 4px rgb(125, 151,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 133.5360, -33.2952, -7.4861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 151, 66) }
```

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

```
.background{ background-color: rgb(125,  
151, 66) }
```

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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