

Converting Colors

YUV(129.7690, -33.4101,
-17.3374)

Have a look what the booklet for
YUV(129.7690, -33.4101, -17.3374)
contains.

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Color

**YUV(129.7690, -33.4101,
-17.3374)**

Conversions

Conversions Part 1

Format	Color
Hex	6E993E
RGB	110, 153, 62
RGB Percent	43%, 60%, 24%
CMY	0.5686, 0.4000, 0.7569
CMYK	0.28, 0.00, 0.59, 0.40
HSL	88°, 42%, 42%
HSV	88°, 59%, 60%
XYZ	18.6911, 26.4453, 8.6767
YIQ	129.7690, 3.5830, -37.4170

Conversions

Conversions Part 2

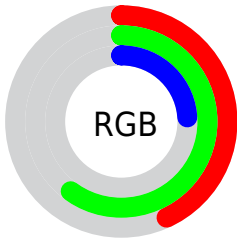
Format	Color
RYB	62, 153, 105
Decimal	7248190
CIELab	58.46, -30.18, 42.31
CIELCh	58, 51.968, 125.497
Yxy	26.4453, 0.3473, 0.4914
Android (android.graphics.Color)	4285438270 (0xFF6E993E)
YUV	129.7690, -33.4101, -17.3374
Hunter-Lab	51.4250, -25.1153, 25.9937

Details

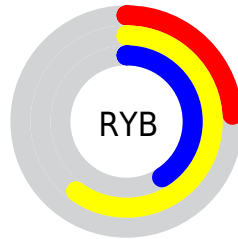
The YUV color **129.7690, -33.4101, -17.3374** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **85.2310, 33.4101, 17.3374**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0140, -35.0099, -17.5523**, and **78.0140, -35.0099, -17.5523** is the 20% darker color. If you saturate the color by 10%, you get **125.9660, -38.9302, -20.1412**, and if you desaturate by 10%, it is **133.5720, -27.8900, -14.5336**.

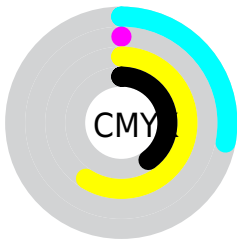
Distribution



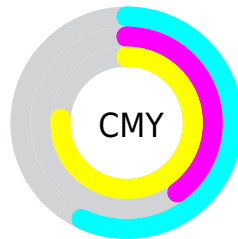
- Red (43%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (41%)



- Cyan (28%)
- Magenta (0%)
- Yellow (59%)
- Black (40%)



- Cyan (57%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.7690, -33.4101, -17.3374 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 129.7690, -33.4101, -17.3374 by changing the saturation by 10% instead.

■ 129.7690,
-33.4101, -17.3374

■ 129.7690,
-33.4101, -17.3374

■ 255.0000, 0.0000,
0.0000

■ 103.8830,
-32.9733, -17.4374

■ 184.0140,
-35.0099, -17.5523

■ 78.0140, -35.0099,
-17.5523

■ 211.7860,
-35.8835, -17.3523

■ 54.7670, -27.0001,
-19.9667

■ 234.3890,
-33.7158, -12.6192

■ 32.2960, -15.9219,
-26.5696

■ 246.5510,
-25.9076, 3.0248

■ 19.9580, -9.8393,
-17.5032

■ 251.2380,
-14.4143, 3.2993

■ 0.0000, 0.0000,
0.0000

■ 254.5440, -1.7472,

0.3999

■ 129.7690,
-33.4101, -17.3374

■ 129.7690,
-33.4101, -17.3374

■ 125.9660,
-38.9302, -20.1412

■ 133.5720,
-27.8900, -14.5336

■ 122.0490,
-44.8872, -22.8450

■ 137.4890,
-21.9331, -11.8299

■ 117.9470,
-50.2599, -26.2635

■ 141.5910,
-16.5604, -8.4113

■ 114.1440,
-55.7800, -29.0673

■ 145.3940,
-11.0402, -5.6075

■ 114.0300,
-56.2168, -28.9673

■ 149.3110, -5.0833,
-2.9037

■ 153.1140, 0.4368,
-0.1000

■ 157.2160, 5.8095,
3.3186

■ 161.0190, 11.3296,
6.1223

■ 164.9360, 17.2866,
8.8261

Harmonies

Analogous

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



134.9110, -45.3121, 20.2491



129.7690, -33.4101, -17.3374



115.6000, -7.1978, -71.5632

Triad

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



129.7690, -33.4101, -17.3374



116.4070, 52.5503, -102.0889



140.0660, -2.9905, 72.7331

Complementary

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



129.7690, -33.4101, -17.3374



85.2310, 33.4101, 17.3374

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.



143.9120, 17.2984, 51.8202



129.7690, -33.4101, -17.3374



129.1120, 50.2308, -57.9802

Square

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



129.7690, -33.4101, -17.3374



116.9820, 36.9839, -102.5932



143.9310, 35.0370, 8.8305



138.5500, -23.9351, 70.5547

Rectangle

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



129.7690, -33.4101, -17.3374



110.1420, 10.7760, -96.5945



143.9310, 35.0370, 8.8305



141.1670, 3.8617, 68.2595

Sweetspot

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



129.7690, -33.4101, -17.3374



189.8130, -13.2188, -6.8520



113.8630, -25.5685, 34.3231



93.6160, -7.6987, -4.0482



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.



129.7690, -33.4101, -17.3374



162.8930, -51.7122, -27.0932



116.3140, -26.7768, -45.0024



74.8920, -2.9048, -1.6593



104.3060, -51.4229, -26.5784



9.7240, -4.7939, -2.3889

Inverse Universe

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



85.2310, 33.4101, 17.3374



93.8080, 51.8597, 26.4784



98.6860, 26.7768, 45.0024



70.8090, 3.0522, 1.0445



35.6940, 51.4229, 26.5784



3.2760, 4.7939, 2.3889

Previews

White Background



This preview shows how the YUV color 129.7690, -33.4101, -17.3374 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 129.7690, -33.4101, -17.3374 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 129.7690, -33.4101, -17.3374 Background



This preview shows how black text looks on a background with the YUV color 129.7690, -33.4101, -17.3374.



This preview shows how white text looks on a background with the YUV color 129.7690, -33.4101, -17.3374.

-17.3374.

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

129.7690, -33.4101, -17.3374

Protanopia

135.4360, -38.1759, 18.0346

Deuteranopia

137.5500, -34.2882, 31.0896



Tritanopia

138.9750, 7.9003, -14.0101

Trichromacy



Original Color

129.7690, -33.4101, -17.3374

Protanomaly

133.4020, -36.6802, 4.9094

Deuteranomaly

134.5540, -33.7971, 13.5461

Tritanomaly

135.3650, -7.0819, -15.2291

Monochromacy



Original Color

129.7690, -33.4101, -17.3374

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7530, -12.2032, -5.9224

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.7690, -33.4101, -17.3374 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(110, 153, 62)` looks like.

```
.text, #text, p{  
    color:rgb(110, 153, 62)  
}
```

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(110, 153, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 153, 62) }
```

Border

The CSS property to change the border of an element to YUV 129.7690, -33.4101, -17.3374 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(110, 153, 62) }
```


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

```
.border{ border-color:rgb(110, 153, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 153, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 153, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 153, 62);  
box-shadow:4px 4px 4px 4px rgb(110, 153,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 129.7690, -33.4101, -17.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 153, 62) }
```

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

```
.background{ background-color: rgb(110,  
153, 62) }
```

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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