

Converting Colors

YUV(155.7070, -29.4356,
-32.1920)

Have a look what the booklet for
YUV(155.7070, -29.4356, -32.1920)
contains.

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Color

**YUV(155.7070, -29.4356,
-32.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	77BA60
RGB	119, 186, 96
RGB Percent	47%, 73%, 38%
CMY	0.5333, 0.2706, 0.6235
CMYK	0.36, 0.00, 0.48, 0.27
HSL	105°, 39%, 55%
HSV	105°, 48%, 73%
XYZ	27.2780, 39.8843, 17.3271
YIQ	155.7070, -11.0420, -42.1940

Conversions

Conversions Part 2

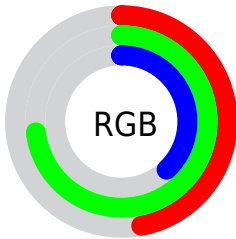
Format	Color
RYB	96, 186, 163
Decimal	7846496
CIELab	69.39, -38.24, 38.84
CIElCh	69, 54.504, 134.555
Yxy	39.8843, 0.3229, 0.4721
Android (android.graphics.Color)	4286036576 (0xFF77BA60)
YUV	155.7070, -29.4356, -32.1920
Hunter-Lab	63.1540, -33.4204, 27.9409

Details

The YUV color **155.7070, -29.4356, -32.1920** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **126.2930, 29.4356, 32.1920**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.5390, -31.3247, -32.9217**, and **102.1630, -27.6884, -32.5920** is the 20% darker color. If you saturate the color by 10%, you get **149.3550, -35.6710, -38.8993**, and if you desaturate by 10%, it is **162.0590, -23.2001, -25.4847**.

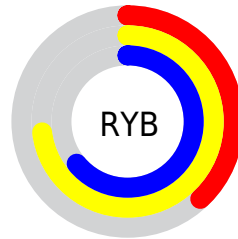
Distribution



Red (47%)

Green (73%)

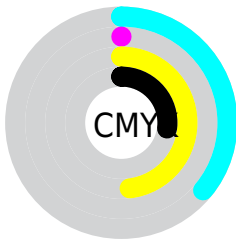
Blue (38%)



Red (38%)

Yellow (73%)

Blue (64%)

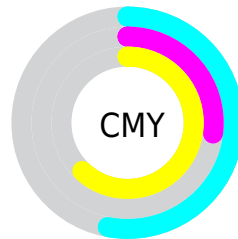


Cyan (36%)

Magenta (0%)

Yellow (48%)

Black (27%)



Cyan (53%)

Magenta (27%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.7070, -29.4356, -32.1920 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 155.7070, -29.4356, -32.1920 by changing the saturation by 10% instead.

■ 155.7070,
-29.4356, -32.1920

■ 155.7070,
-29.4356, -32.1920

■ 255.0000, 0.0000,
0.0000

■ 128.9350,
-28.5620, -32.3920

■ 211.5390,
-31.3247, -32.9217

■ 102.1630,
-27.6884, -32.5920

■ 230.0330,
-27.1313, -24.5849

■ 76.2660, -27.2461,
-34.4363

■ 241.8960,
-19.1757, -9.5558

■ 48.1340, -23.7301,
-42.2135

■ 252.3780,
-10.0464, 2.2995

■ 34.0460, -16.7847,
-29.8583

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,

0.0000

■ 155.7070,
-29.4356, -32.1920

■ 155.7070,
-29.4356, -32.1920

■ 149.3550,
-35.6710, -38.8993

■ 162.0590,
-23.2001, -25.4847

■ 143.1170,
-41.4697, -45.7066

■ 168.2970,
-17.4014, -18.6775

■ 136.7650,
-47.7051, -52.4139

■ 174.6490,
-11.1660, -11.9702

■ 130.8260,
-53.6512, -58.6064

■ 180.5880, -5.2199,
-5.7777

■ 124.4740,
-59.8867, -65.3137

■ 186.9400, 1.0156,
0.9296

■ 123.5340,
-60.9023, -66.2433

■ 193.2920, 7.2510,
7.6369

■ 199.5300, 13.0497,
14.4442

■ 205.8820, 19.2852,
21.1515

■ 211.2080, 21.5895,
28.7586

Harmonies

Analogous

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



162.3290, -46.0112, 11.1125



155.7070, -29.4356, -32.1920



130.8710, 4.9936, -108.6349

Triad

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



155.7070, -29.4356, -32.1920



135.9040, 58.7143, -119.1878



167.5520, -10.1321, 76.6919

Complementary

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



155.7070, -29.4356, -32.1920



126.2930, 29.4356, 32.1920

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.



172.6210, 12.0188, 65.2304



155.7070, -29.4356, -32.1920



164.7840, 44.4765, -32.2596

Square

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



155.7070, -29.4356, -32.1920



139.2490, 48.6842, -122.1214



174.6450, 32.2200, 25.7443



167.9710, -32.5237, 71.9394

Rectangle

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



155.7070, -29.4356, -32.1920



133.9420, 20.7346, -117.4671



174.6450, 32.2200, 25.7443



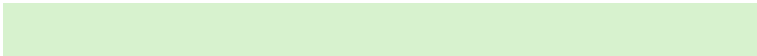
168.9030, -2.4172, 75.5071

Sweetspot

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



155.7070, -29.4356, -32.1920



229.8230, -11.7447, -12.9998



161.6520, -32.3664, 21.3532



114.7080, -7.2510, -7.6369



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.



155.7070, -29.4356, -32.1920



194.9440, -45.8214, -49.9399



151.2240, -16.8724, -48.4314



88.8810, -2.8993, -3.4036



103.5320, -51.0413, -55.7176



18.5290, -9.1348, -10.1109

Inverse Universe

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



126.2930, 29.4356, 32.1920



149.0560, 45.8214, 49.9399



130.7760, 16.8724, 48.4314



85.8200, 3.0467, 2.7889



52.4680, 51.0413, 55.7176



9.4710, 9.1348, 10.1109

Previews

White Background



This preview shows how the YUV color 155.7070, -29.4356, -32.1920 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 155.7070, -29.4356, -32.1920 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 155.7070, -29.4356, -32.1920 Background



This preview shows how black text looks on a background with the YUV color 155.7070, -29.4356, -32.1920.



This preview shows how white text looks on a background with the YUV color 155.7070, -29.4356, -32.1920.

-32.1920.

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

155.7070, -29.4356, -32.1920

Protanopia

165.0770, -37.0130, 18.3495

Deuteranopia

167.1310, -32.1096, 32.3341



Tritanopia

165.3370, 12.1589, -26.6055

Trichromacy



Original Color

155.7070, -29.4356, -32.1920

Protanomaly

161.6510, -34.3379, 0.3061

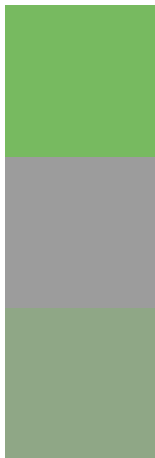
Deuteranomaly

162.9170, -31.0181, 8.8428

Tritanomaly

162.0150, -2.9654, -28.9542

Monochromacy



Original Color

155.7070, -29.4356, -32.1920

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.0620, -10.8766, -11.4554

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7070, -29.4356, -32.1920 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(119, 186, 96)` looks like.

```
.text, #text, p{  
    color:rgb(119, 186, 96)  
}
```

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(119, 186, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 186, 96) }
```

Border

The CSS property to change the border of an element to YUV 155.7070, -29.4356, -32.1920 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(119, 186, 96) }
```


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

```
.border{ border-color:rgb(119, 186, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 186, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 186, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 186, 96);  
box-shadow:4px 4px 4px 4px rgb(119, 186,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 155.7070, -29.4356, -32.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 186, 96) }
```

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

```
.background{ background-color: rgb(119,  
186, 96) }
```

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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