

Converting Colors

YUV(150.5440, -28.8622,
-29.4181)

Have a look what the booklet for
YUV(150.5440, -28.8622, -29.4181)
contains.

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Color

**YUV(150.5440, -28.8622,
-29.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	75B35C
RGB	117, 179, 92
RGB Percent	46%, 70%, 36%
CMY	0.5412, 0.2980, 0.6392
CMYK	0.35, 0.00, 0.49, 0.30
HSL	103°, 36%, 53%
HSV	103°, 49%, 70%
XYZ	25.3880, 36.7948, 15.8892
YIQ	150.5440, -9.0250, -40.2010

Conversions

Conversions Part 2

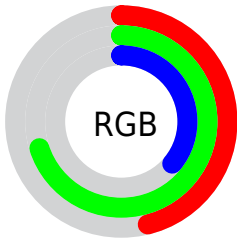
Format	Color
RYB	92, 179, 154
Decimal	7713628
CIELab	67.12, -36.28, 38.02
CIELCh	67, 52.552, 133.659
Yxy	36.7948, 0.3252, 0.4713
Android (android.graphics.Color)	4285903708 (0xFF75B35C)
YUV	150.5440, -28.8622, -29.4181
Hunter-Lab	60.6587, -31.4437, 26.9304

Details

The YUV color **150.5440, -28.8622, -29.4181** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **120.4560, 28.8622, 29.4181**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7890, -30.4620, -29.6330**, and **98.0000, -27.1150, -29.8180** is the 20% darker color. If you saturate the color by 10%, you get **144.6050, -34.8083, -35.6106**, and if you desaturate by 10%, it is **156.4830, -22.9161, -23.2256**.

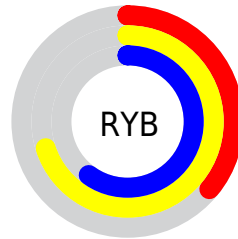
Distribution



Red (46%)

Green (70%)

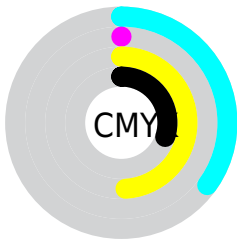
Blue (36%)



Red (36%)

Yellow (70%)

Blue (60%)

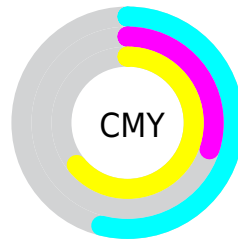


Cyan (35%)

Magenta (0%)

Yellow (49%)

Black (30%)



Cyan (54%)

Magenta (30%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5440, -28.8622, -29.4181 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 150.5440, -28.8622, -29.4181 by changing the saturation by 10% instead.

■ 150.5440,
-28.8622, -29.4181

■ 150.5440,
-28.8622, -29.4181

■ 255.0000, 0.0000,
0.0000

■ 123.7720,
-27.9886, -29.6180

■ 205.7890,
-30.4620, -29.6330

■ 98.0000, -27.1150,
-29.8180

■ 228.9790,
-28.5836, -25.4146

■ 71.7010, -26.9676,
-30.4328

■ 240.8420,
-20.6281, -10.3854

■ 45.2100, -22.2885,
-37.8952

■ 251.8080,
-12.2303, 2.7994

■ 30.5240, -15.0483,
-26.7695

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,

0.0000

■ 150.5440,
-28.8622, -29.4181

■ 150.5440,
-28.8622, -29.4181

■ 144.6050,
-34.8083, -35.6106

■ 156.4830,
-22.9161, -23.2256

■ 138.6660,
-40.7543, -41.8031

■ 162.4220,
-16.9700, -17.0331

■ 133.0260,
-46.8478, -47.3808

■ 168.0620,
-10.8766, -11.4554

■ 127.0870,
-52.7939, -53.5733

■ 174.0010, -4.9305,
-5.2629

■ 121.2620,
-58.3032, -59.8658

■ 179.9400, 1.0156,
0.9296

■ 120.3220,
-59.3187, -60.7954

■ 185.7650, 6.5249,
7.2221

■ 191.4050, 12.6183,
12.7998

■ 197.3440, 18.5644,
18.9923

■ 203.2830, 24.5105,
25.1848

Harmonies

Analogous

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



157.0840, -44.4114, 11.3273



150.5440, -28.8622, -29.4181



131.1610, 1.8926, -93.9802

Triad

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



150.5440, -28.8622, -29.4181



132.2680, 60.0139, -115.9990



163.8510, -10.2795, 77.3067

Complementary

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



150.5440, -28.8622, -29.4181



120.4560, 28.8622, 29.4181

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.



166.5990, 12.0297, 61.7417



150.5440, -28.8622, -29.4181



159.7560, 46.9553, -33.9890

Square

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



150.5440, -28.8622, -29.4181



134.0000, 46.3420, -117.5180



168.1070, 31.4992, 23.5852



162.4160, -30.7711, 69.7952

Rectangle

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



150.5440, -28.8622, -29.4181



128.9210, 19.2659, -113.0637



168.1070, 31.4992, 23.5852



164.4900, -2.7066, 74.9923

Sweetspot

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



150.5440, -28.8622, -29.4181



220.5350, -11.6028, -11.8702



153.8200, -30.4773, 22.0829



110.1210, -6.9617, -7.1221



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



150.5440, -28.8622, -29.4181



187.9060, -44.8167, -45.5216



145.0070, -17.7515, -46.4871



86.1800, -3.0467, -2.7889



102.9670, -50.7627, -51.7141



17.3550, -8.5560, -9.0813

Inverse Universe

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



120.4560, 28.8622, 29.4181



141.0940, 44.8167, 45.5216



125.9930, 17.7515, 46.4871



83.1190, 2.8993, 3.4036



50.0330, 50.7627, 51.7141



8.3460, 8.7034, 8.4666

Previews

White Background



This preview shows how the YUV color 150.5440, -28.8622, -29.4181 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 150.5440, -28.8622, -29.4181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

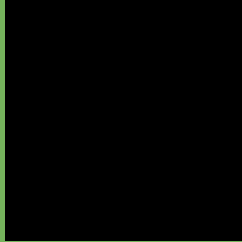
Any Text WCAG AA ✓ Pass

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 150.5440, -28.8622, -29.4181 Background



This preview shows how black text looks on a background with the YUV color 150.5440, -28.8622, -29.4181.



This preview shows how white text looks on a background with the YUV color 150.5440, -28.8622, -29.4181.

-29.4181.

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

150.5440, -28.8622, -29.4181

Protanopia

159.0060, -35.9920, 17.5347

Deuteranopia

161.0600, -31.0886, 31.5194



Tritanopia

159.4190, 11.1324, -24.0465

Trichromacy



Original Color

150.5440, -28.8622, -29.4181

Protanomaly

155.8790, -33.4643, 0.1061

Deuteranomaly

157.4440, -30.2919, 9.2576

Tritanomaly

156.5100, -3.7024, -25.8803

Monochromacy



Original Color

150.5440, -28.8622, -29.4181

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8880, -10.2978, -10.4258

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5440, -28.8622, -29.4181 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(117, 179, 92)` looks like.

```
.text, #text, p{  
    color:rgb(117, 179, 92)  
}
```

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(117, 179, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 179, 92) }
```

Border

The CSS property to change the border of an element to YUV 150.5440, -28.8622, -29.4181 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(117, 179, 92) }
```


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

```
.border{ border-color:rgb(117, 179, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 179, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 179, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 179, 92);  
box-shadow:4px 4px 4px 4px rgb(117, 179,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 150.5440, -28.8622, -29.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 179, 92) }
```

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

```
.background{ background-color: rgb(117,  
179, 92) }
```

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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