

Converting Colors

YUV(147.6300, -25.9466,
-31.2475)

Have a look what the booklet for
YUV(147.6300, -25.9466, -31.2475)
contains.

YUV(147.6300, -25.9466, -31.2475)	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(147.6300, -25.9466,
-31.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	70B05F
RGB	112, 176, 95
RGB Percent	44%, 69%, 37%
CMY	0.5608, 0.3098, 0.6275
CMYK	0.36, 0.00, 0.46, 0.31
HSL	107°, 34%, 53%
HSV	107°, 46%, 69%
XYZ	24.2730, 35.3216, 16.3649
YIQ	147.6300, -12.1430, -38.7590

Conversions

Conversions Part 2

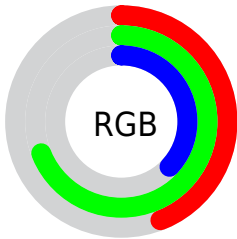
Format	Color
RYB	95, 176, 159
Decimal	7385183
CIELab	66.00, -36.22, 35.04
CIELCh	66, 50.394, 135.947
Yxy	35.3216, 0.3196, 0.4650
Android (android.graphics.Color)	4285575263 (0xFF70B05F)
YUV	147.6300, -25.9466, -31.2475
Hunter-Lab	59.4320, -31.1038, 25.2766

Details

The YUV color **147.6300, -25.9466, -31.2475** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **123.3700, 25.9466, 31.2475**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.5760, -27.3990, -32.0772**, and **95.0860, -24.1994, -31.6474** is the 20% darker color. If you saturate the color by 10%, you get **141.3920, -31.7453, -38.0548**, and if you desaturate by 10%, it is **153.8680, -20.1479, -24.4402**.

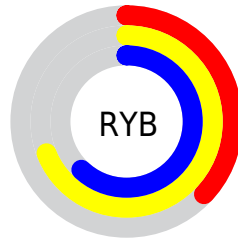
Distribution



Red (44%)

Green (69%)

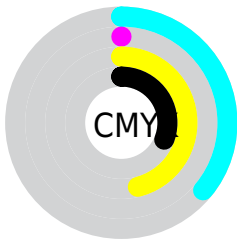
Blue (37%)



Red (37%)

Yellow (69%)

Blue (62%)

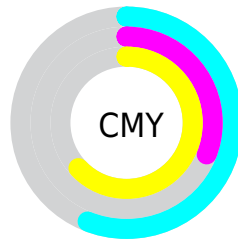


Cyan (36%)

Magenta (0%)

Yellow (46%)

Black (31%)



Cyan (56%)

Magenta (31%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.6300, -25.9466, -31.2475 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 147.6300, -25.9466, -31.2475 by changing the saturation by 10% instead.

■ 147.6300,
-25.9466, -31.2475

■ 147.6300,
-25.9466, -31.2475

■ 255.0000, 0.0000,
0.0000

■ 121.1570,
-25.2204, -30.8327

■ 202.5760,
-27.3990, -32.0772

■ 95.0860, -24.1994,
-31.6474

■ 227.5270,
-26.3888, -29.4032

■ 69.3030, -23.3204,
-33.5917

■ 239.3900,
-18.4333, -14.3740

■ 42.8510, -21.1255,
-37.5803

■ 251.2530,
-10.4777, 0.6551

■ 29.3500, -14.4695,
-25.7399

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,

0.0000

■ 147.6300,
-25.9466, -31.2475

■ 147.6300,
-25.9466, -31.2475

■ 141.3920,
-31.7453, -38.0548

■ 153.8680,
-20.1479, -24.4402

■ 135.2680,
-37.1071, -44.9620

■ 159.9920,
-14.7861, -17.5330

■ 129.0300,
-42.9058, -51.7693

■ 166.2300, -8.9874,
-10.7257

■ 122.9060,
-48.2677, -58.6766

■ 172.3540, -3.6255,
-3.8185

■ 116.6680,
-54.0663, -65.4838

■ 178.5920, 2.1731,
2.9888

■ 114.3750,
-56.3869, -67.8579

■ 184.5310, 8.1192,
9.1813

■ 190.6550, 13.4811,
16.0886

■ 196.8930, 19.2798,
22.8958

■ 203.0170, 24.6416,
29.8031

Harmonies

Analogous

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



153.4580, -41.6378, 8.3683



147.6300, -25.9466, -31.2475



128.4320, 4.2240, -95.0949

Triad

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



147.6300, -25.9466, -31.2475



128.6490, 58.8400, -112.8252



160.6010, -11.1423, 74.0179

Complementary

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



147.6300, -25.9466, -31.2475



123.3700, 25.9466, 31.2475

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.



163.4310, 10.1405, 61.0120



147.6300, -25.9466, -31.2475



158.2900, 43.7340, -27.4413

Square

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



147.6300, -25.9466, -31.2475



131.1960, 45.7524, -115.0589



165.1350, 29.0204, 25.3146



159.6820, -30.9022, 65.1769

Rectangle

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



147.6300, -25.9466, -31.2475



126.5730, 20.4235, -111.0045



165.1350, 29.0204, 25.3146



161.4250, -4.1535, 72.4183

Sweetspot

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



147.6300, -25.9466, -31.2475



218.4640, -10.5818, -12.6849



156.2000, -30.1716, 17.3646



107.9360, -6.3774, -7.8369



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



147.6300, -25.9466, -31.2475



185.6220, -40.7326, -48.7805



145.1690, -13.3943, -43.9982



85.8810, -2.8993, -3.4036



99.3790, -48.9938, -59.0914



16.7570, -8.2612, -10.3109

Inverse Universe

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



123.3700, 25.9466, 31.2475



147.3780, 40.7326, 48.7805



125.8310, 13.3943, 43.9982



83.1190, 2.8993, 3.4036



53.6210, 48.9938, 59.0914



8.9440, 8.4086, 9.6961

Previews

White Background



This preview shows how the YUV color 147.6300, -25.9466, -31.2475 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 147.6300, -25.9466, -31.2475 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 147.6300, -25.9466, -31.2475 Background



This preview shows how black text looks on a background with the YUV color 147.6300, -25.9466, -31.2475.



This preview shows how white text looks on a background with the YUV color 147.6300, -25.9466, -31.2475.

-31.2475.

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

147.6300, -25.9466, -31.2475

Protanopia

156.3910, -33.2238, 16.3201

Deuteranopia

158.4450, -28.3204, 30.3047



Tritanopia

155.9350, 11.8640, -25.3760

Trichromacy



Original Color

147.6300, -25.9466, -31.2475

Protanomaly

153.2640, -30.6962, -1.1085

Deuteranomaly

154.8290, -27.5237, 8.0430

Tritanomaly

153.2540, -2.0972, -27.4098

Monochromacy



Original Color

147.6300, -25.9466, -31.2475

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.8170, -9.2768, -11.2405

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.6300, -25.9466, -31.2475 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(112, 176, 95)` looks like.

```
.text, #text, p{  
    color:rgb(112, 176, 95)  
}
```

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(112, 176, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 176, 95) }
```

Border

The CSS property to change the border of an element to YUV 147.6300, -25.9466, -31.2475 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(112, 176, 95) }
```


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

```
.border{ border-color:rgb(112, 176, 95) }
```

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

Here you see how a box with a 4 pixel rgb(112, 176, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 176, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 176, 95);  
box-shadow:4px 4px 4px 4px rgb(112, 176,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 147.6300, -25.9466, -31.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 176, 95) }
```

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

```
.background{ background-color: rgb(112,  
176, 95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor