

Converting Colors

YUV(150.6940, -36.3311,
-13.7636)

Have a look what the booklet for
YUV(150.6940, -36.3311, -13.7636)
contains.

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Color

**YUV(150.6940, -36.3311,
-13.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	87AD4D
RGB	135, 173, 77
RGB Percent	53%, 68%, 30%
CMY	0.4706, 0.3216, 0.6980
CMYK	0.22, 0.00, 0.55, 0.32
HSL	84°, 38%, 49%
HSV	84°, 55%, 68%
XYZ	26.2748, 35.5739, 12.5028
YIQ	150.6940, 8.1680, -37.9120

Conversions

Conversions Part 2

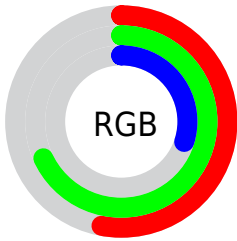
Format	Color
RYB	77, 173, 115
Decimal	8891725
CIELab	66.19, -28.57, 44.50
CIELCh	66, 52.881, 122.697
Yxy	35.5739, 0.3534, 0.4785
Android (android.graphics.Color)	4287081805 (0xFF87AD4D)
YUV	150.6940, -36.3311, -13.7636
Hunter-Lab	59.6438, -25.7424, 29.3221

Details

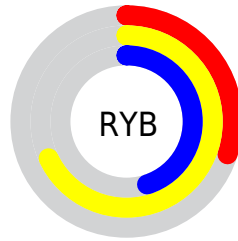
The YUV color **150.6940, -36.3311, -13.7636** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **99.3060, 36.3311, 13.7636**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9390, -37.9309, -13.9785**, and **97.8080, -35.8943, -13.8636** is the 20% darker color. If you saturate the color by 10%, you get **146.6630, -42.7249, -16.3675**, and if you desaturate by 10%, it is **154.7250, -29.9374, -11.1598**.

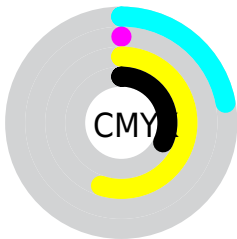
Distribution



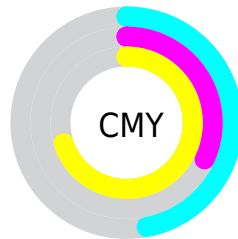
- Red (53%)
- Green (68%)
- Blue (30%)



- Red (30%)
- Yellow (68%)
- Blue (45%)



- Cyan (22%)
- Magenta (0%)
- Yellow (55%)
- Black (32%)



- Cyan (47%)
- Magenta (32%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.6940, -36.3311, -13.7636 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 150.6940, -36.3311, -13.7636 by changing the saturation by 10% instead.

■ 150.6940,
-36.3311, -13.7636

■ 150.6940,
-36.3311, -13.7636

■ 255.0000, 0.0000,
0.0000

■ 123.9220,
-35.4575, -13.9636

■ 205.9390,
-37.9309, -13.9785

■ 97.8080, -35.8943,
-13.8636

■ 232.9500,
-37.9363, -12.2341

■ 72.8080, -35.8943,
-13.8636

■ 244.6990,
-30.4176, 2.8950

■ 51.2450, -25.2638,
-16.8779

■ 249.9840,
-19.2191, 4.3990

■ 28.7630, -14.1802,
-25.2252

■ 253.2900, -6.5520,
1.4997

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,

0.0000

■ 150.6940,
-36.3311, -13.7636

■ 150.6940,
-36.3311, -13.7636

■ 146.6630,
-42.7249, -16.3675

■ 154.7250,
-29.9374, -11.1598

■ 142.5180,
-49.5554, -18.8713

■ 158.8700,
-23.1069, -8.6560

■ 138.4870,
-55.9491, -21.4751

■ 162.9010,
-16.7132, -6.0522

■ 134.7550,
-62.4902, -23.4641

■ 166.6330,
-10.1721, -4.0631

■ 132.9460,
-65.5424, -24.5086

■ 170.6640, -3.7784,
-1.4593

■ 174.8090, 3.0522,
1.0445

■ 178.8400, 9.4459,
3.6483

■ 182.8710, 15.8396,
6.2521

■ 187.0160, 22.6701,
8.7560

Harmonies

Analogous

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



155.8900, -46.7808, 24.6525



150.6940, -36.3311, -13.7636



139.6890, -12.1717, -62.8713

Triad

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



150.6940, -36.3311, -13.7636



131.8290, 55.7933, -115.6140



161.7180, -1.8330, 74.7923

Complementary

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



150.6940, -36.3311, -13.7636



99.3060, 36.3311, 13.7636

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.



165.1830, 19.6298, 50.7055



150.6940, -36.3311, -13.7636



148.6490, 52.4310, -63.7132

Square

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



150.6940, -36.3311, -13.7636



131.4750, 39.2058, -115.3036



164.2940, 37.8161, 4.1272



160.2840, -23.8040, 75.1729

Rectangle

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



150.6940, -36.3311, -13.7636



124.7660, 10.9614, -109.4198



164.2940, 37.8161, 4.1272



163.3350, 5.7508, 68.9892

Sweetspot

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



150.6940, -36.3311, -13.7636



215.1830, -14.3872, -5.4225



127.4230, -24.8585, 39.9710



106.8010, -8.2829, -3.3335



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



150.6940, -36.3311, -13.7636



189.2590, -56.8227, -21.2751



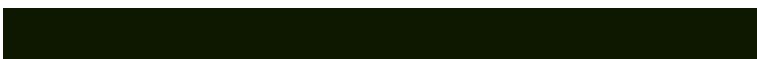
136.6410, -29.4030, -42.6582



84.7780, -3.3416, -1.5593



115.2590, -56.8227, -21.2751



17.6870, -8.7197, -3.2335

Inverse Universe

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



99.3060, 36.3311, 13.7636



109.0400, 56.6753, 21.8899



113.3590, 29.4030, 42.6582



79.9230, 3.4890, 0.9445



35.0400, 56.6753, 21.8899



5.3130, 8.7197, 3.2335

Previews

White Background



This preview shows how the YUV color 150.6940, -36.3311, -13.7636 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 150.6940, -36.3311, -13.7636 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 150.6940, -36.3311, -13.7636 Background



This preview shows how black text looks on a background with the YUV color 150.6940, -36.3311, -13.7636.



This preview shows how white text looks on a background with the YUV color 150.6940, -36.3311, -13.7636.

-13.7636.

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

150.6940, -36.3311, -13.7636

Protanopia

156.0510, -40.9441, 19.2493

Deuteranopia

158.0620, -37.4986, 34.1486



Tritanopia

159.9970, 7.8895, -10.5214

Trichromacy



Original Color

150.6940, -36.3311, -13.7636

Protanomaly

153.7290, -39.3064, 7.2537

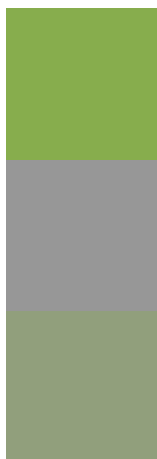
Deuteranomaly

155.0660, -37.0075, 16.6051

Tritanomaly

156.7460, -8.2558, -12.0552

Monochromacy



Original Color

150.6940, -36.3311, -13.7636

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8240, -13.2242, -5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.6940, -36.3311, -13.7636 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(135, 173, 77)` looks like.

```
.text, #text, p{  
    color:rgb(135, 173, 77)  
}
```

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(135, 173, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 173, 77) }
```

Border

The CSS property to change the border of an element to YUV 150.6940, -36.3311, -13.7636 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(135, 173, 77) }
```


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

```
.border{ border-color:rgb(135, 173, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 173, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 173, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 173, 77);  
box-shadow:4px 4px 4px 4px rgb(135, 173,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 150.6940, -36.3311, -13.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 173, 77) }
```

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

```
.background{ background-color: rgb(135,  
173, 77) }
```

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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