

Converting Colors

YUV(137.7120, -36.8330,
7.2686)

Have a look what the booklet for
YUV(137.7120, -36.8330, 7.2686)
contains.

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Color

**YUV(137.7120, -36.8330,
7.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	92943F
RGB	146, 148, 63
RGB Percent	57%, 58%, 25%
CMY	0.4275, 0.4196, 0.7529
CMYK	0.01, 0.00, 0.57, 0.42
HSL	61°, 40%, 41%
HSV	61°, 57%, 58%
XYZ	23.3412, 27.6497, 8.8093
YIQ	137.7120, 26.0930, -26.8590

Conversions

Conversions Part 2

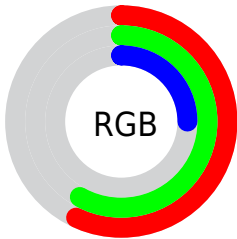
Format	Color
RYB	63, 148, 65
Decimal	9606207
CIELab	59.57, -12.63, 43.79
CIELCh	60, 45.577, 106.083
Yxy	27.6497, 0.3903, 0.4624
Android (android.graphics.Color)	4287796287 (0xFF92943F)
YUV	137.7120, -36.8330, 7.2686
Hunter-Lab	52.5830, -12.7854, 26.8751

Details

The YUV color **137.7120, -36.8330, 7.2686** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **73.2880, 36.8330, -7.2686**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9680, -38.4382, 8.7981**, and **86.3590, -38.1380, 5.8242** is the 20% darker color. If you saturate the color by 10%, you get **136.0020, -43.3850, 8.7682**, and if you desaturate by 10%, it is **139.4220, -30.2810, 5.7689**.

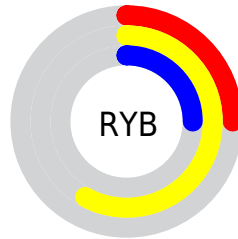
Distribution



Red (57%)

Green (58%)

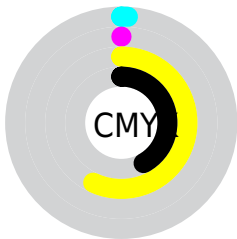
Blue (25%)



Red (25%)

Yellow (58%)

Blue (25%)

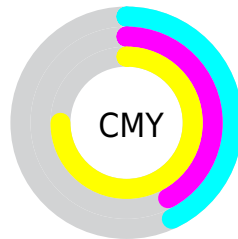


Cyan (1%)

Magenta (0%)

Yellow (57%)

Black (42%)



Cyan (43%)

Magenta (42%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7120, -36.8330, 7.2686 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 137.7120, -36.8330, 7.2686 by changing the saturation by 10% instead.

■ 137.7120,
-36.8330, 7.2686

■ 137.7120,
-36.8330, 7.2686

■ 255.0000, 0.0000,
0.0000

■ 111.5270,
-36.2488, 6.5538

■ 191.9680,
-38.4382, 8.7981

■ 86.3590, -38.1380,
5.8242

■ 220.0390,
-39.4592, 9.6128

■ 63.7700, -31.4386,
3.7097

■ 244.9680,
-38.4382, 8.7981

■ 42.7940, -21.0974,
0.1807

■ 248.1600,
-26.2079, 5.9987

■ 22.9920, -11.3351,
-4.3780

■ 251.3520,
-13.9775, 3.1993

■ 0.0000, 0.0000,
0.0000

■ 254.6580, -1.3104,

0.2999

■ 137.7120,
-36.8330, 7.2686

■ 137.7120,
-36.8330, 7.2686

■ 136.0020,
-43.3850, 8.7682

■ 139.4220,
-30.2810, 5.7689

■ 133.9930,
-49.7895, 9.6531

■ 141.4310,
-23.8765, 4.8840

■ 132.3970,
-55.9047, 11.0528

■ 143.0270,
-17.7613, 3.4843

■ 130.6870,
-62.4567, 12.5525

■ 144.7370,
-11.2093, 1.9847

■ 130.2310,
-64.2039, 12.9524

■ 146.7460, -4.8048,
1.0998

■ 148.4560, 1.7472,
-0.3999

■ 150.1660, 8.2992,
-1.8996

■ 152.0610, 14.2669,
-2.6845

■ 153.7710, 20.8189,
-4.1842

Harmonies

Analogous

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



141.2580, -38.0882, 36.6077



137.7120, -36.8330, 7.2686



132.1620, -22.7579, -27.3291

Triad

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



137.7120, -36.8330, 7.2686



117.3070, 40.7676, -102.8782



146.6320, 8.5624, 53.8197

Complementary

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



137.7120, -36.8330, 7.2686



73.2880, 36.8330, -7.2686

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.



147.5000, 25.3895, 23.2405



137.7120, -36.8330, 7.2686



115.0050, 52.2555, -100.8594

Square

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



137.7120, -36.8330, 7.2686



114.9640, 24.1747, -100.8234



141.6450, 38.6290, -23.3677



144.0730, -10.3890, 65.7110

Rectangle

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



137.7120, -36.8330, 7.2686



124.9870, -7.3886, -56.9936



141.6450, 38.6290, -23.3677



147.1840, 14.6993, 45.4426

Sweetspot

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



137.7120, -36.8330, 7.2686



187.0530, -13.8301, 2.5845



89.0020, -12.8190, 51.7412



94.5350, -8.1518, 1.2848



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



137.7120, -36.8330, 7.2686



175.0550, -57.2151, 11.3528



125.1540, -30.6419, -18.5521



73.2020, -3.0576, 0.6998



121.0720, -59.6885, 11.3379



8.8600, -4.3680, 0.9998

Inverse Universe

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



73.2880, 36.8330, -7.2686



74.9450, 57.2151, -11.3528



85.8460, 30.6419, 18.5521



67.7980, 3.0576, -0.6998



16.6290, 59.8359, -11.9526



1.1400, 4.3680, -0.9998

Previews

White Background



This preview shows how the YUV color 137.7120, -36.8330, 7.2686 looks on a white background.

Color Contrast Check

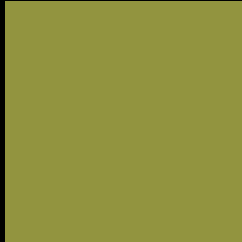
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7120, -36.8330, 7.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

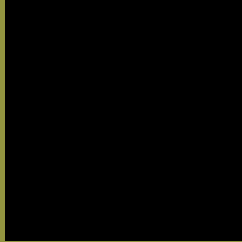
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.7120, -36.8330, 7.2686

Background



This preview shows how black text looks on a background with the YUV color 137.7120, -36.8330, 7.2686.



This preview shows how white text looks on a background with the YUV color 137.7120, -36.8330, 7.2686.

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

137.7120, -36.8330, 7.2686

Protanopia

139.1370, -38.0285, 17.4199

Deuteranopia

140.2790, -36.6195, 32.2043



Tritanopia

145.0380, 2.4463, 8.7367

Trichromacy



Original Color

137.7120, -36.8330, 7.2686

Protanomaly

138.2290, -37.5809, 13.8312

Deuteranomaly

139.2240, -36.5924, 23.4826

Tritanomaly

142.2540, -11.9572, 8.5472

Monochromacy



Original Color

137.7120, -36.8330, 7.2686

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1670, -13.3933, 2.4845

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7120, -36.8330, 7.2686 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(146, 148, 63)` looks like.

```
.text, #text, p{  
    color:rgb(146, 148, 63)  
}
```

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(146, 148, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 148, 63) }
```

Border

The CSS property to change the border of an element to YUV 137.7120, -36.8330, 7.2686 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(146, 148, 63) }
```


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

```
.border{ border-color:rgb(146, 148, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 148, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 148, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 148, 63);  
box-shadow:4px 4px 4px 4px rgb(146, 148,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 137.7120, -36.8330, 7.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 148, 63) }
```

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

```
.background{ background-color: rgb(146,  
148, 63) }
```

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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