

Converting Colors

YUV(137.3030, 0.3436,
-16.9287)

Have a look what the booklet for
YUV(137.3030, 0.3436, -16.9287)
contains.

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Color

**YUV(137.3030, 0.3436,
-16.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	76938A
RGB	118, 147, 138
RGB Percent	46%, 58%, 54%
CMY	0.5373, 0.4235, 0.4588
CMYK	0.20, 0.00, 0.06, 0.42
HSL	161°, 12%, 52%
HSV	161°, 20%, 58%
XYZ	22.4924, 26.5540, 27.9847
YIQ	137.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

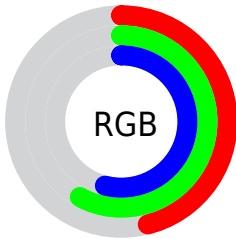
Format	Color
RYB	118, 135, 147
Decimal	7771018
CIELab	58.56, -12.11, 1.39
CIELCh	59, 12.187, 173.449
Yxy	26.5540, 0.2920, 0.3447
Android (android.graphics.Color)	4285961098 (0xFF76938A)
YUV	137.3030, 0.3436, -16.9287
Hunter-Lab	51.5305, -12.2656, 3.8727

Details

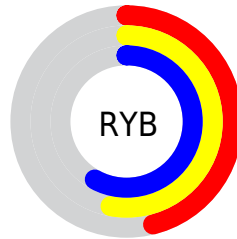
The YUV color $137.3030, 0.3436, -16.9287$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $127.6970, -0.3436, 16.9287$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.8900, 0.0542, -17.4435$, and $87.0150, 0.4856, -15.7992$ is the 20% darker color. If you saturate the color by 10%, you get $132.2480, 0.3707, -25.6505$, and if you desaturate by 10%, it is $142.3580, 0.3165, -8.2070$.

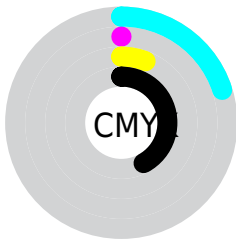
Distribution



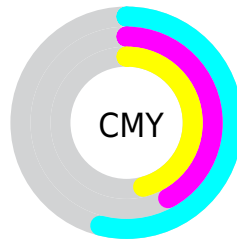
- Red (46%)
- Green (58%)
- Blue (54%)



- Red (46%)
- Yellow (53%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3030, 0.3436, -16.9287 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 137.3030, 0.3436, -16.9287 by changing the saturation by 10% instead.

■ 137.3030, 0.3436,
-16.9287

■ 137.3030, 0.3436,
-16.9287

■ 255.0000, 0.0000,
0.0000

■ 111.7160, 0.6330,
-16.4139

■ 190.8900, 0.0542,
-17.4435

■ 87.0150, 0.4856,
-15.7992

■ 218.5910, 0.2016,
-18.0583

■ 64.0150, 0.4856,
-15.7992

■ 245.5310, 1.2172,
-17.1287

■ 41.4280, 0.7750,
-15.2844

■ 19.8300, 1.0698,
-16.5139

■ 0.0000, 0.0000,
0.0000

■ 137.3030, 0.3436,
-16.9287

■ 137.3030, 0.3436,
-16.9287

■ 132.2480, 0.3707,
-25.6505

■ 142.3580, 0.3165,
-8.2070

■ 127.6060, 0.6872,
-33.8575

■ 147.0000, 0.0000,
0.0000

■ 122.5510, 0.7144,
-42.5792

■ 152.0550, -0.0271,
8.7218

■ 117.6100, 1.1783,
-51.4010

■ 156.9960, -0.4910,
17.5435

■ 112.8540, 1.0580,
-59.5080

■ 161.7520, -0.3707,
25.6505

■ 107.9130, 1.5219,
-68.3297

■ 166.6930, -0.8346,
34.4722

■ 102.8580, 1.5490,
-77.0515

■ 171.7480, -0.8618,
43.1940

■ 97.9170, 2.0129,

■ 176.6890, -1.3257,

-85.8732

52.0157

■ 97.8030, 1.5761,
-85.7732

■ 181.4450, -1.2054,
60.1227

Harmonies

Analogous

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



138.5660, -5.2090, -9.2664



137.3030, 0.3436, -16.9287



137.0620, 5.8854, -21.1024

Triad

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



137.3030, 0.3436, -16.9287



141.6930, 9.0254, -1.4848



141.8080, -8.7793, 15.9544

Complementary

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



137.3030, 0.3436, -16.9287



127.6970, -0.3436, 16.9287

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.



142.8560, -4.8590, 18.5433



137.3030, 0.3436, -16.9287



143.1350, 5.3564, 8.6516

Square

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



137.3030, 0.3436, -16.9287



139.4960, 11.0945, -11.8360



143.2130, 0.3880, 15.5992



140.7210, -10.2155, 9.8917

Rectangle

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



137.3030, 0.3436, -16.9287



137.4580, 8.6482, -20.5727



143.2130, 0.3880, 15.5992



142.1610, -7.4744, 17.3988

Sweetspot

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



137.3030, 0.3436, -16.9287



187.3690, 0.3111, -6.4626



137.7140, -9.7190, -9.3962



94.6790, 0.1583, -4.1035



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.



137.3030, 0.3436, -16.9287



175.6500, 0.6656, -26.8800



135.3940, 5.7218, -15.2545



71.6790, 0.1583, -4.1035



91.8360, 1.5599, -80.5402



6.6680, 0.1637, -5.8478

Inverse Universe

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



127.6970, -0.3436, 16.9287



160.4640, -0.2288, 26.7801



129.6060, -5.7218, 15.2545



69.3210, -0.1583, 4.1035



46.1640, -1.5599, 80.5402



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 137.3030, 0.3436, -16.9287 looks on a white background.

Color Contrast Check

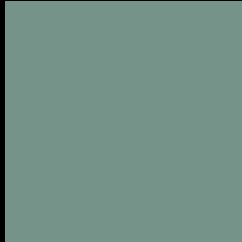
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3030, 0.3436, -16.9287 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

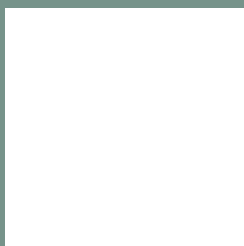
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.3030, 0.3436, -16.9287

Background



This preview shows how black text looks on a background with the YUV color 137.3030, 0.3436, -16.9287.



This preview shows how white text looks on a background with the YUV color 137.3030, 0.3436,

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

137.3030, 0.3436, -16.9287

Protanopia

140.5120, -3.2104, 3.0590

Deuteranopia

141.8380, -0.9061, 10.6661



Tritanopia

138.4910, 8.6319, -15.3396

Trichromacy



Original Color

137.3030, 0.3436, -16.9287

Protanomaly

139.6960, -2.3151, -4.1184

Deuteranomaly

140.1850, -0.5842, 0.7148

Tritanomaly

137.9810, 5.4324, -15.7693

Monochromacy



Original Color

137.3030, 0.3436, -16.9287

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3030, 0.3436, -16.9287 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(118, 147, 138)` looks like.

```
.text, #text, p{  
    color:rgb(118, 147, 138)  
}
```

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(118, 147, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 147, 138) }
```

Border

The CSS property to change the border of an element to YUV 137.3030, 0.3436, -16.9287 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(118, 147, 138) }
```


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

```
.border{ border-color:rgb(118, 147, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 147, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 147, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 147, 138);  
box-shadow:4px 4px 4px 4px rgb(118, 147,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 137.3030, 0.3436, -16.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 147, 138) }
```

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

```
.background{ background-color: rgb(118,  
147, 138) }
```

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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