

Converting Colors

YUV(137.6930, 2.1234,
-27.7948)

Have a look what the booklet for
YUV(137.6930, 2.1234, -27.7948)
contains.

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Color

**YUV(137.6930, 2.1234,
-27.7948)**

Conversions

Conversions Part 1

Format	Color
Hex	6A998E
RGB	106, 153, 142
RGB Percent	42%, 60%, 56%
CMY	0.5843, 0.4000, 0.4431
CMYK	0.31, 0.00, 0.07, 0.40
HSL	166°, 19%, 51%
HSV	166°, 31%, 60%
XYZ	22.2176, 27.7996, 29.7861
YIQ	137.6930, -24.4810, -13.3850

Conversions

Conversions Part 2

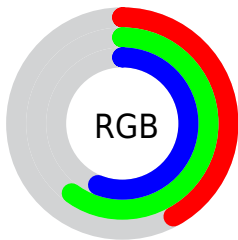
Format	Color
RYB	106, 133, 153
Decimal	6986126
CIELab	59.71, -18.32, 0.70
CIELCh	60, 18.334, 177.818
Yxy	27.7996, 0.2784, 0.3484
Android (android.graphics.Color)	4285176206 (0xFF6A998E)
YUV	137.6930, 2.1234, -27.7948
Hunter-Lab	52.7254, -17.0525, 3.4131

Details

The YUV color `137.6930, 2.1234, -27.7948` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `121.3070, -2.1234, 27.7948`, and the grayscale version is `138.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `191.3940, 2.2708, -28.4095`, and `87.1060, 2.4127, -27.2800` is the 20% darker color. If you saturate the color by 10%, you get `132.7520, 2.5873, -36.6165`, and if you desaturate by 10%, it is `142.6340, 1.6594, -18.9730`.

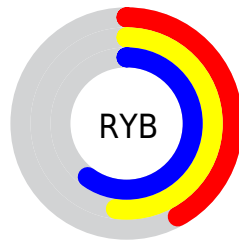
Distribution



Red (42%)

Green (60%)

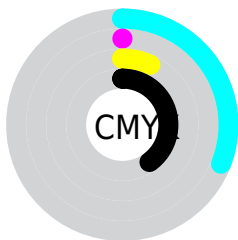
Blue (56%)



Red (42%)

Yellow (52%)

Blue (60%)

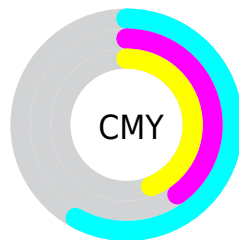


Cyan (31%)

Magenta (0%)

Yellow (7%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6930, 2.1234, -27.7948 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 137.6930, 2.1234, -27.7948 by changing the saturation by 10% instead.

■ 137.6930, 2.1234,
-27.7948

■ 137.6930, 2.1234,
-27.7948

■ 255.0000, 0.0000,
0.0000

■ 111.9920, 1.9759,
-27.1800

■ 191.3940, 2.2708,
-28.4095

■ 87.1060, 2.4127,
-27.2800

■ 219.6820, 2.1288,
-29.5391

■ 63.1060, 2.4127,
-27.2800

■ 242.3990, 4.7333,
-24.9059

■ 38.7250, 3.5866,
-30.4538

■ 251.4120, 1.7689,
-7.3773

■ 22.3350, 1.8068,
-19.5878

■ 0.0000, 0.0000,
0.0000

■ 137.6930, 2.1234,
-27.7948

■ 137.6930, 2.1234,
-27.7948

■ 132.7520, 2.5873,
-36.6165

■ 142.6340, 1.6594,
-18.9730

■ 127.6260, 3.6354,
-46.1530

■ 147.7600, 0.6113,
-9.4365

■ 122.6850, 4.0993,
-54.9747

■ 152.7010, 0.1474,
-0.6148

■ 117.8580, 5.0000,
-63.8965

■ 157.5280, -0.7533,
8.3069

■ 112.9170, 5.4639,
-72.7182

■ 162.7680, -1.3646,
17.7435

■ 107.7910, 6.5120,
-82.2547


■ 167.5950, -2.2653,
26.6652

■ 103.1490, 6.8285,
-90.4617

■ 172.5360, -2.7292,
35.4869

■ 177.4770, -3.1932,

44.3087

 182.6030, -4.2413,
53.8452

Harmonies

Analogous

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



139.4790, -6.6451, -15.3291



137.6930, 2.1234, -27.7948



137.4240, 10.1440, -33.6978

Triad

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



137.6930, 2.1234, -27.7948



145.1430, 13.2405, -0.1254



144.8860, -13.7478, 22.9020

Complementary

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



137.6930, 2.1234, -27.7948



121.3070, -2.1234, 27.7948

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.



145.8140, -7.7963, 27.3501



137.6930, 2.1234, -27.7948



146.6350, 7.0819, 15.2291

Square

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



137.6930, 2.1234, -27.7948



142.5430, 16.4943, -17.1392



146.4530, -0.2233, 25.0357



143.0650, -15.3150, 12.2210

Rectangle

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



137.6930, 2.1234, -27.7948



138.1730, 14.2117, -31.7237



146.4530, -0.2233, 25.0357



145.6520, -12.1534, 24.8612

Sweetspot

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



137.6930, 2.1234, -27.7948



193.1620, 0.9061, -10.6661



137.1770, -15.3703, -16.8182



95.7820, 0.6005, -5.9478



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



137.6930, 2.1234, -27.7948



174.9360, 3.4826, -43.7939



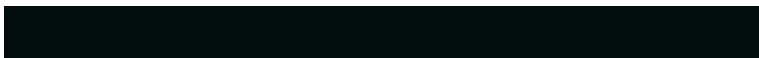
131.9030, 10.4008, -22.7169



74.3800, 0.3057, -4.7183



94.3780, 6.2226, -82.7695



8.7710, 0.6059, -7.6922

Inverse Universe

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



121.3070, -2.1234, 27.7948



149.1780, -3.0458, 43.6939



127.0970, -10.4008, 22.7169



71.6200, -0.3057, 4.7183



45.6220, -6.2226, 82.7695



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 137.6930, 2.1234, -27.7948 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 137.6930, 2.1234, -27.7948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

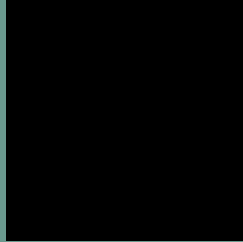
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.6930, 2.1234, -27.7948

Background



This preview shows how black text looks on a background with the YUV color 137.6930, 2.1234, -27.7948.



This preview shows how white text looks on a background with the YUV color 137.6930, 2.1234, -27.7948.

-27.7948.

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

137.6930, 2.1234, -27.7948

Protanopia

143.3980, -3.6472, 3.1590

Deuteranopia

144.7670, 0.1149, 9.8513



Tritanopia

139.4080, 11.1379, -25.7908

Trichromacy



Original Color

137.6930, 2.1234, -27.7948

Protanomaly

141.4890, -1.7201, -8.3219

Deuteranomaly

142.2060, 0.8844, -3.6887

Tritanomaly

138.8980, 7.9383, -26.2205

Monochromacy



Original Color

137.6930, 2.1234, -27.7948

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.4610, 0.7587, -10.0513

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6930, 2.1234, -27.7948 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(106, 153, 142)` looks like.

```
.text, #text, p{  
    color:rgb(106, 153, 142)  
}
```

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(106, 153, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 153, 142) }
```

Border

The CSS property to change the border of an element to YUV 137.6930, 2.1234, -27.7948 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(106, 153, 142) }
```


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

```
.border{ border-color:rgb(106, 153, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 153, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 153, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 153, 142);  
box-shadow:4px 4px 4px 4px rgb(106, 153,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 137.6930, 2.1234, -27.7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 153, 142) }
```

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

```
.background{ background-color: rgb(106,  
153, 142) }
```

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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