

Converting Colors

YUV(136.9870, 2.9644,
-17.5286)

Have a look what the booklet for
YUV(136.9870, 2.9644, -17.5286)
contains.

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Color

**YUV(136.9870, 2.9644,
-17.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	75928F
RGB	117, 146, 143
RGB Percent	46%, 57%, 56%
CMY	0.5412, 0.4275, 0.4392
CMYK	0.20, 0.00, 0.02, 0.43
HSL	174°, 12%, 52%
HSV	174°, 20%, 57%
XYZ	22.5729, 26.3228, 29.8777
YIQ	136.9870, -16.3210, -7.0810

Conversions

Conversions Part 2

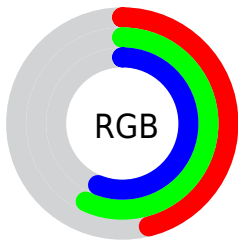
Format	Color
R_{YB}	117, 132, 146
Decimal	7705231
CIE _{Lab}	58.34, -10.80, -1.79
CIE _{LCh}	58, 10.950, 189.400
Yxy	26.3228, 0.2866, 0.3342
Android (android.graphics.Color)	4285895311 (0xFF75928F)
YUV	136.9870, 2.9644, -17.5286
Hunter-Lab	51.3058, -11.2508, 1.3868

Details

The YUV color $136.9870, 2.9644, -17.5286$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $126.0130, -2.9644, 17.5286$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.6880, 3.1118, -18.1434$, and $86.6990, 3.1064, -16.3990$ is the 20% darker color. If you saturate the color by 10%, you get $132.2740, 4.3019, -26.5503$, and if you desaturate by 10%, it is $141.7000, 1.6269, -8.5069$.

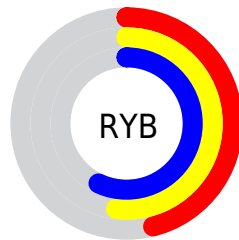
Distribution



Red (46%)

Green (57%)

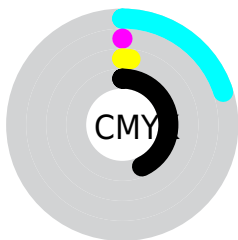
Blue (56%)



Red (46%)

Yellow (52%)

Blue (57%)

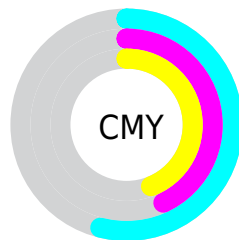


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (43%)



Cyan (54%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9870, 2.9644, -17.5286 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 136.9870, 2.9644, -17.5286 by changing the saturation by 10% instead.

■ 136.9870, 2.9644,
-17.5286

■ 136.9870, 2.9644,
-17.5286

255.0000, 0.0000,
0.0000

■ 111.2860, 2.8170,
-16.9138

■ 190.6880, 3.1118,
-18.1434

■ 86.6990, 3.1064,
-16.3990

■ 218.3890, 3.2592,
-18.7582

■ 63.5850, 2.6696,
-16.2990

■ 245.8020, 3.5486,
-18.2434

■ 40.9980, 2.9590,
-15.7842

254.7010, 0.1474,
-0.6148

■ 19.4000, 3.2538,
-17.0138

■ 0.0000, 0.0000,
0.0000

■ 136.9870, 2.9644,
-17.5286

■ 136.9870, 2.9644,
-17.5286

■ 132.2740, 4.3019,
-26.5503

■ 141.7000, 1.6269,
-8.5069

■ 127.9740, 5.9288,
-35.0572

■ 146.0000, 0.0000,
0.0000

■ 123.2610, 7.2663,
-44.0789

■ 150.7130, -1.3375,
9.0217

■ 118.9610, 8.8932,
-52.5858

■ 155.0130, -2.9644,
17.5286

■ 114.2480, 10.2307,
-61.6075

■ 159.7260, -4.3019,
26.5503

■ 109.6490, 12.0050,
-70.7292

■ 164.3250, -6.0762,
35.6720

■ 105.2350, 13.1951,
-79.1361


■ 168.7390, -7.2663,
44.0789

■ 100.6360, 14.9695,

■ 173.3380, -9.0406,

-88.2578

53.2006

 177.7520,
-10.2307, 61.6075

Harmonies

Analogous

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



137.3530, -2.1460, -11.7106



136.9870, 2.9644, -17.5286



137.1270, 7.3324, -18.5284

Triad

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



136.9870, 2.9644, -17.5286



141.7430, 6.5357, 3.7334



140.4870, -8.6211, 11.8509

Complementary

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



136.9870, 2.9644, -17.5286



126.0130, -2.9644, 17.5286

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.



141.6770, -6.7428, 16.0693



136.9870, 2.9644, -17.5286



142.6470, 2.1460, 11.7106

Square

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



136.9870, 2.9644, -17.5286



140.3720, 9.1836, -5.5882



142.1160, -2.5222, 15.6843



139.9160, -9.3256, 4.4587

Rectangle

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



136.9870, 2.9644, -17.5286



138.1920, 8.7793, -15.9544



142.1160, -2.5222, 15.6843



140.9110, -8.3371, 14.1101

Sweetspot

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



136.9870, 2.9644, -17.5286



185.2980, 1.3321, -7.2773



134.9200, -8.8346, -13.0848



92.2060, 0.8844, -3.6887



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



136.9870, 2.9644, -17.5286



174.6760, 4.5967, -27.7799



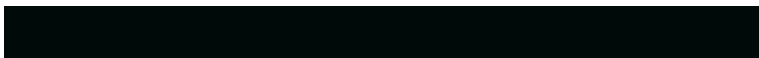
130.8720, 7.4581, -12.1657



71.7930, 0.5951, -4.2035



95.0280, 13.7902, -83.3396



6.8960, 1.0373, -6.0478

Inverse Universe

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



126.0130, -2.9644, 17.5286



157.3240, -4.5967, 27.7799



132.1280, -7.4581, 12.1657



69.0930, -1.0318, 4.3034



42.8580, -14.2270, 83.4395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 136.9870, 2.9644, -17.5286 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 136.9870, 2.9644, -17.5286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

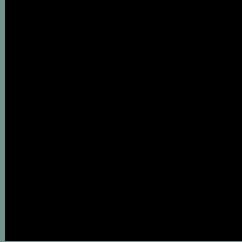
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.9870, 2.9644, -17.5286

Background



This preview shows how black text looks on a background with the YUV color 136.9870, 2.9644, -17.5286.



This preview shows how white text looks on a background with the YUV color 136.9870, 2.9644, -17.5286.

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

136.9870, 2.9644, -17.5286

Protanopia

139.8970, -0.4422, 1.8443

Deuteranopia

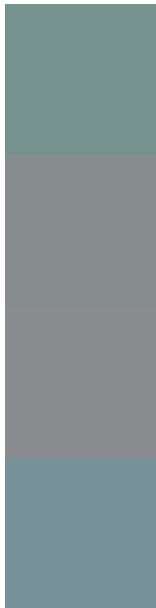
141.5110, 1.7201, 8.3219



Tritanopia

137.8930, 8.9268, -16.5692

Trichromacy



Original Color

136.9870, 2.9644, -17.5286

Protanomaly

139.0810, 0.4531, -5.3330

Deuteranomaly

140.1570, 1.8946, -1.0147

Tritanomaly

137.6110, 6.6008, -17.1988

Monochromacy



Original Color

136.9870, 2.9644, -17.5286

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8960, 1.0373, -6.0478

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9870, 2.9644, -17.5286 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(117, 146, 143)` looks like.

```
.text, #text, p{  
    color:rgb(117, 146, 143)  
}
```

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(117, 146, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 146, 143) }
```

Border

The CSS property to change the border of an element to YUV 136.9870, 2.9644, -17.5286 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(117, 146, 143) }
```


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

```
.border{ border-color:rgb(117, 146, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 146, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 146, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 146, 143);  
box-shadow:4px 4px 4px 4px rgb(117, 146,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 136.9870, 2.9644, -17.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 146, 143) }
```

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

```
.background{ background-color: rgb(117,  
146, 143) }
```

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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