

Converting Colors

YUV(136.8090, -17.1608,
-2.4635)

Have a look what the booklet for
YUV(136.8090, -17.1608, -2.4635)
contains.

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Color

**YUV(136.8090, -17.1608,
-2.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	869166
RGB	134, 145, 102
RGB Percent	53%, 57%, 40%
CMY	0.4745, 0.4314, 0.6000
CMYK	0.08, 0.00, 0.30, 0.43
HSL	75°, 17%, 48%
HSV	75°, 30%, 57%
XYZ	22.3552, 26.2784, 16.4644
YIQ	136.8090, 7.2470, -15.7050

Conversions

Conversions Part 2

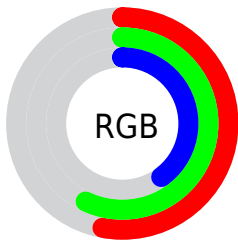
Format	Color
RYB	102, 145, 113
Decimal	8819046
CIELab	58.30, -11.62, 21.55
CIELCh	58, 24.487, 118.335
Yxy	26.2784, 0.3434, 0.4037
Android (android.graphics.Color)	4287009126 (0xFF869166)
YUV	136.8090, -17.1608, -2.4635
Hunter-Lab	51.2625, -11.8669, 16.8411

Details

The YUV color $136.8090, -17.1608, -2.4635$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $110.1910, 17.1608, 2.4635$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.4670, -18.4712, -2.1636$, and $87.1510, -15.8504, -2.7634$ is the 20% darker color. If you saturate the color by 10%, you get $134.0170, -22.6864, -3.5229$, and if you desaturate by 10%, it is $139.7150, -11.1985, -1.5041$.

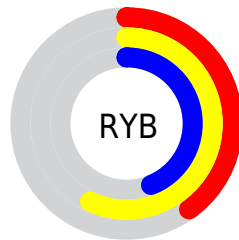
Distribution



Red (53%)

Green (57%)

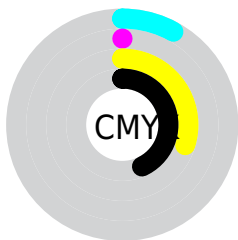
Blue (40%)



Red (40%)

Yellow (57%)

Blue (44%)

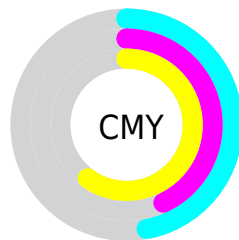


Cyan (8%)

Magenta (0%)

Yellow (30%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8090, -17.1608, -2.4635 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 136.8090, -17.1608, -2.4635 by changing the saturation by 10% instead.

■ 136.8090,
-17.1608, -2.4635

■ 136.8090,
-17.1608, -2.4635

■ 255.0000, 0.0000,
0.0000

■ 111.0370,
-16.2872, -2.6634

■ 190.4670,
-18.4712, -2.1636

■ 87.1510, -15.8504,
-2.7634

■ 218.3530,
-18.9080, -2.0636

■ 63.2650, -15.4136,
-2.8634

■ 246.3530,
-18.9080, -2.0636

■ 41.2650, -15.4136,
-2.8634

■ 252.8340, -8.2992,
1.8996

■ 21.2200, -10.4615,
-4.5779

■ 0.0000, 0.0000,
0.0000

■ 136.8090,
-17.1608, -2.4635

■ 136.8090,
-17.1608, -2.4635

■ 134.0170,
-22.6864, -3.5229

■ 139.7150,
-11.1985, -1.5041

■ 131.4100,
-28.7961, -3.8676

■ 142.2080, -5.5255,
-1.0594

■ 128.6180,
-34.3217, -4.9270

■ 145.1140, 0.4368,
-0.1000

■ 125.7120,
-40.2840, -5.8864

■ 147.9060, 5.9623,
0.9594

■ 122.9200,
-45.8096, -6.9458

■ 150.8120, 11.9247,
1.9189

■ 120.3130,
-51.9193, -7.2905

■ 153.3050, 17.5976,
2.3635

■ 117.5210,
-57.4449, -8.3499

■ 156.0970, 23.1232,
3.4229

■ 117.4070,

■ 159.0030, 29.0855,

-57.8817, -8.2499

4.3824

■ 161.6100, 35.1953,
4.7270

Harmonies

Analogous

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



139.0070, -20.7095, 15.7799



136.8090, -17.1608, -2.4635



133.9790, -8.3706, -21.9066

Triad

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



136.8090, -17.1608, -2.4635



132.0560, 21.6644, -42.1451



143.0950, -0.5398, 33.2427

Complementary

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



136.8090, -17.1608, -2.4635



110.1910, 17.1608, 2.4635

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.



143.6510, 9.5391, 20.4771



136.8090, -17.1608, -2.4635



137.9920, 22.1889, -23.6720

Square

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



136.8090, -17.1608, -2.4635



129.5900, 14.9921, -48.7524



141.9950, 17.7505, 0.0044



142.4730, -10.5862, 35.5422

Rectangle

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



136.8090, -17.1608, -2.4635



131.9650, -0.4757, -34.1723



141.9950, 17.7505, 0.0044



143.2840, 2.8180, 29.5689

Sweetspot

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



136.8090, -17.1608, -2.4635



185.5670, -6.6885, -1.3743



121.3140, -9.5218, 20.7726



92.2620, -4.0732, -0.2298



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.



136.8090, -17.1608, -2.4635



175.8660, -27.0489, -4.2675



130.5300, -14.0653, -15.3738



69.9030, -2.9102, 0.0851



109.4440, -53.9559, -7.4054



6.4900, -3.1996, -0.4297

Inverse Universe

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



110.1910, 17.1608, 2.4635



133.8350, 27.1963, 3.6527



116.4700, 14.0653, 15.3738



65.3960, 2.7628, 0.5297



25.8550, 53.8085, 8.0202



1.5100, 3.1996, 0.4297

Previews

White Background



This preview shows how the YUV color 136.8090, -17.1608, -2.4635 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 136.8090, -17.1608, -2.4635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

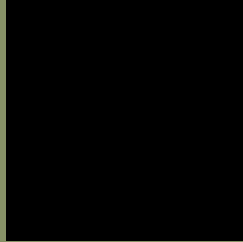
Any Text WCAG AA ✓ Pass

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 136.8090, -17.1608, -2.4635 Background



This preview shows how black text looks on a background with the YUV color 136.8090, -17.1608, -2.4635.



This preview shows how white text looks on a background with the YUV color 136.8090, -17.1608, -2.4635.

-2.4635.

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

136.8090, -17.1608, -2.4635

Protanopia

138.7290, -19.0934, 10.7617

Deuteranopia

139.8490, -17.6736, 22.0574



Tritanopia

140.5530, 4.6574, -0.4850

Trichromacy



Original Color

136.8090, -17.1608, -2.4635

Protanomaly

138.2230, -18.3509, 5.9434

Deuteranomaly

138.7940, -17.6464, 13.3357

Tritanomaly

139.1910, -3.0522, -1.0445

Monochromacy



Original Color

136.8090, -17.1608, -2.4635

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9800, -6.3991, -0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8090, -17.1608, -2.4635 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(134, 145, 102)` looks like.

```
.text, #text, p{  
    color:rgb(134, 145, 102)  
}
```

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(134, 145, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 145, 102) }
```

Border

The CSS property to change the border of an element to YUV 136.8090, -17.1608, -2.4635 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(134, 145, 102) }
```


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

```
.border{ border-color:rgb(134, 145, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 145, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 145, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 145, 102);  
box-shadow:4px 4px 4px 4px rgb(134, 145,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 136.8090, -17.1608, -2.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 145, 102) }
```

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

```
.background{ background-color: rgb(134,  
145, 102) }
```

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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