

Converting Colors

YUV(138.8000, 13.4096,
-7.7176)

Have a look what the booklet for
YUV(138.8000, 13.4096, -7.7176)
contains.

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Color

**YUV(138.8000, 13.4096,
-7.7176)**

Conversions

Conversions Part 1

Format	Color
Hex	828AA6
RGB	130, 138, 166
RGB Percent	51%, 54%, 65%
CMY	0.4902, 0.4588, 0.3490
CMYK	0.22, 0.17, 0.00, 0.35
HSL	227°, 17%, 58%
HSV	227°, 22%, 65%
XYZ	25.1773, 25.6760, 39.7054
YIQ	138.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

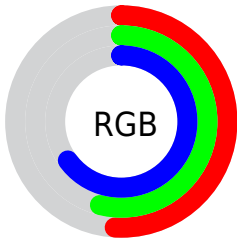
Format	Color
R _Y B	130, 137, 166
Decimal	8555174
CIE Lab	57.73, 3.32, -15.77
CIE LCh	58, 16.115, 281.892
Yxy	25.6760, 0.2780, 0.2835
Android (android.graphics.Color)	4286745254 (0xFF828AA6)
YUV	138.8000, 13.4096, -7.7176
Hunter-Lab	50.6714, 0.0170, -10.9887

Details

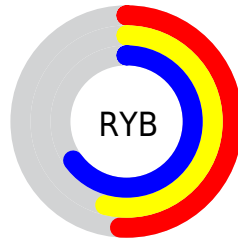
The YUV color $138.8000, 13.4096, -7.7176$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $157.2000, -13.4096, 7.7176$, and the grayscale version is $139.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.0280, 14.2832, -7.9176$, and $88.5720, 12.5360, -7.5176$ is the 20% darker color. If you saturate the color by 10%, you get $126.0860, 19.6776, -11.4764$, and if you desaturate by 10%, it is $151.5140, 7.1416, -3.9588$.

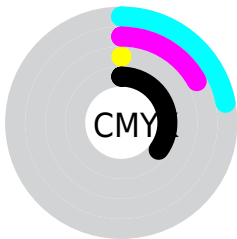
Distribution



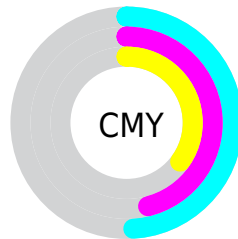
- Red (51%)
- Green (54%)
- Blue (65%)



- Red (51%)
- Yellow (54%)
- Blue (65%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (49%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.8000, 13.4096, -7.7176 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 138.8000, 13.4096, -7.7176 by changing the saturation by 10% instead.

■ 138.8000, 13.4096,
-7.7176

■ 138.8000, 13.4096,
-7.7176

■ 255.0000, 0.0000,
0.0000

■ 113.6860, 12.9728,
-7.6176

■ 192.0280, 14.2832,
-7.9176

■ 88.5720, 12.5360,
-7.5176

■ 220.1420, 14.7200,
-8.0175

■ 65.0450, 11.8098,
-7.9325

■ 246.4060, 4.2368,
-5.6181

■ 42.9310, 11.3730,
-7.8325

■ 21.8060, 10.9416,
-9.4769

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 138.8000, 13.4096,
-7.7176

■ 138.8000, 13.4096,
-7.7176

■ 126.0860, 19.6776,
-11.4764

■ 151.5140, 7.1416,
-3.9588

■ 113.6710, 25.7982,
-14.6205

■ 163.9290, 1.0210,
-0.8147

■ 100.9570, 32.0662,
-18.3793

■ 176.6430, -5.2470,
2.9441

■ 88.5420, 38.1868,
-21.5233

■ 189.0580,
-11.3676, 6.0881

■ 75.8280, 44.4548,
-25.2822

■ 201.7720,
-17.6356, 9.8470

■ 63.7010, 50.4334,
-29.5558

■ 213.8990,
-23.6142, 14.1206

■ 51.2860, 56.5540,
-32.6998

■ 226.3140,
-29.7348, 17.2646

■ 40.6430, 61.8010,
-35.6439

■ 236.6360,
-34.8235, 16.1052

■ 244.2670,
-38.5856, 9.4128

Harmonies

Analogous

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



135.6520, 14.4686, -20.7428



138.8000, 13.4096, -7.7176



140.5630, 9.5824, 6.5222

Triad

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



138.8000, 13.4096, -7.7176



140.2110, -9.9640, 22.6170



134.1950, -2.5611, -18.5880

Complementary

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



138.8000, 13.4096, -7.7176



157.2000, -13.4096, 7.7176

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.



136.1380, -9.4350, -7.1370



138.8000, 13.4096, -7.7176



138.9560, -13.2893, 15.8246

Square

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



138.8000, 13.4096, -7.7176



141.1170, -4.0017, 23.5764



137.8900, -13.2568, 5.3585



133.2030, 5.3229, -27.3650

Rectangle

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



138.8000, 13.4096, -7.7176



141.4670, 5.1928, 14.4994



137.8900, -13.2568, 5.3585



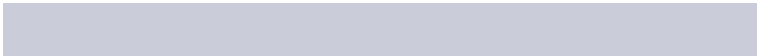
134.3480, -4.6086, -15.2142

Sweetspot

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



138.8000, 13.4096, -7.7176



205.4710, 5.6838, -3.0441



154.3240, 1.8123, -21.3321



103.2000, 3.3524, -1.9294



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



138.8000, 13.4096, -7.7176



174.1290, 21.1354, -12.3911



137.0940, 14.2507, 2.5486



78.0860, 2.9156, -1.8294



36.2430, 55.0962, -31.7851



5.2150, 7.2890, -4.5736

Inverse Universe

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



141.6760, -1.8123, 21.3321



178.5250, -2.7238, 33.7426



158.9060, -14.2507, -2.5486



78.6200, -0.3057, 4.7183



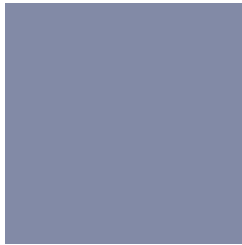
48.0140, -7.4019, 87.6877



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 138.8000, 13.4096, -7.7176 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 138.8000, 13.4096, -7.7176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

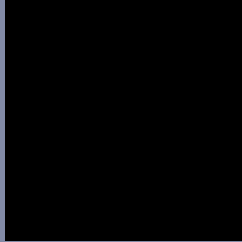
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

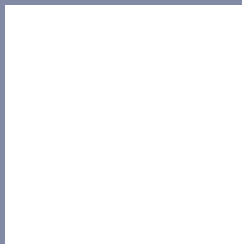
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 138.8000, 13.4096, -7.7176

Background



This preview shows how black text looks on a background with the YUV color 138.8000, 13.4096, -7.7176.



This preview shows how white text looks on a background with the YUV color 138.8000, 13.4096, -7.7176.

-7.7176.

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

138.8000, 13.4096, -7.7176

Protanopia

139.1100, 13.2568, -5.3585

Deuteranopia

139.5450, 13.5353, -1.3550



Tritanopia

137.4810, 7.1579, -9.1918

Trichromacy



Original Color

138.8000, 13.4096, -7.7176

Protanomaly

138.8110, 13.4042, -5.9732

Deuteranomaly

139.2350, 13.6881, -3.7141

Tritanomaly

137.7630, 9.4838, -8.5622

Monochromacy



Original Color

138.8000, 13.4096, -7.7176

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.2430, 4.8102, -2.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8000, 13.4096, -7.7176 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(130, 138, 166)` looks like.

```
.text, #text, p{  
    color:rgb(130, 138, 166)  
}
```

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(130, 138, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 138, 166) }
```

Border

The CSS property to change the border of an element to YUV 138.8000, 13.4096, -7.7176 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(130, 138, 166) }
```


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

```
.border{ border-color:rgb(130, 138, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 138, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 138, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 138, 166);  
box-shadow:4px 4px 4px 4px rgb(130, 138,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 138.8000, 13.4096, -7.7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 138, 166) }
```

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

```
.background{ background-color: rgb(130,  
138, 166) }
```

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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