

Converting Colors

YUV(137.3200, 18.0832,
-13.4356)

Have a look what the booklet for
YUV(137.3200, 18.0832, -13.4356)
contains.

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Color

**YUV(137.3200, 18.0832,
-13.4356)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8AAE
RGB	122, 138, 174
RGB Percent	48%, 54%, 68%
CMY	0.5216, 0.4588, 0.3176
CMYK	0.30, 0.21, 0.00, 0.32
HSL	222°, 24%, 58%
HSV	222°, 30%, 68%
XYZ	24.7545, 25.3705, 43.6367
YIQ	137.3200, -21.0920, 7.8040

Conversions

Conversions Part 2

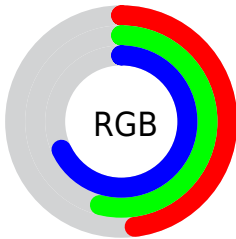
Format	Color
R _Y B	122, 134, 174
Decimal	8030894
CIE Lab	57.43, 2.78, -20.84
CIE LCh	57, 21.028, 277.592
Yxy	25.3705, 0.2640, 0.2706
Android (android.graphics.Color)	4286220974 (0xFF7A8AAE)
YUV	137.3200, 18.0832, -13.4356
Hunter-Lab	50.3692, -0.4202, -16.1067

Details

The YUV color $137.3200, 18.0832, -13.4356$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $158.6800, -18.0832, 13.4356$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.6620, 19.3936, -13.7356$, and $86.9780, 16.7728, -13.1357$ is the 20% darker color. If you saturate the color by 10%, you get $125.1930, 24.0619, -17.7093$, and if you desaturate by 10%, it is $149.4470, 12.1046, -9.1620$.

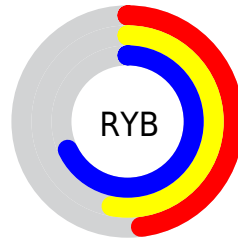
Distribution



Red (48%)

Green (54%)

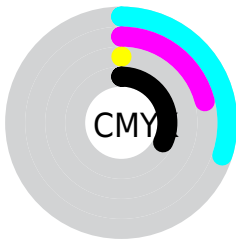
Blue (68%)



Red (48%)

Yellow (53%)

Blue (68%)

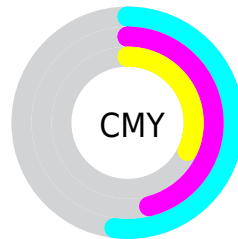


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (32%)



Cyan (52%)

Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3200, 18.0832, -13.4356 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 137.3200, 18.0832, -13.4356 by changing the saturation by 10% instead.

■ 137.3200, 18.0832,
-13.4356

■ 137.3200, 18.0832,
-13.4356

■ 255.0000, 0.0000,
0.0000

■ 111.7930, 17.3571,
-13.8505

■ 190.6620, 19.3936,
-13.7356

■ 86.9780, 16.7728,
-13.1357

■ 218.3200, 18.0832,
-13.4356

■ 63.2660, 16.6309,
-14.2653

■ 244.0140, 5.4161,
-10.5363

■ 40.4400, 16.0521,
-15.2949

■ 19.2010, 15.1839,
-16.8393

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 137.3200, 18.0832,
-13.4356

■ 137.3200, 18.0832,
-13.4356

■ 125.1930, 24.0619,
-17.7093

■ 149.4470, 12.1046,
-9.1620

■ 112.7670, 30.1879,
-22.5977

■ 161.8730, 5.9786,
-4.2736

■ 100.6400, 36.1665,
-26.8713

■ 174.0000, 0.0000,
0.0000

■ 88.2140, 42.2925,
-31.7597

■ 186.4260, -6.1260,
4.8884

■ 76.0870, 48.2711,
-36.0333

■ 198.5530,
-12.1046, 9.1620

■ 63.9600, 54.2497,
-40.3069

■ 210.6800,
-18.0832, 13.4356

■ 51.5340, 60.3757,
-45.1953

■ 223.1060,
-24.2093, 18.3240

■ 233.4390,
-29.3034, 18.9090

■ 240.4830,
-32.7761, 12.7314

Harmonies

Analogous

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



133.3240, 18.5743, -30.9791



137.3200, 18.0832, -13.4356



140.4750, 13.0768, 5.7224

Triad

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



137.3200, 18.0832, -13.4356



139.7990, -11.7329, 29.9943



132.0050, -4.4395, -22.8064

Complementary

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



137.3200, 18.0832, -13.4356



158.6800, -18.0832, 13.4356

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.



134.5140, -13.0714, -7.4668



137.3200, 18.0832, -13.4356



138.3760, -16.9474, 22.4722

Square

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



137.3200, 18.0832, -13.4356



140.9760, -3.4392, 29.8390



136.5870, -17.0514, 9.1322



129.6750, 6.0762, -35.6720

Rectangle

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



137.3200, 18.0832, -13.4356



140.9880, 8.3869, 16.6735



136.5870, -17.0514, 9.1322



132.6420, -7.2185, -18.1030

Sweetspot

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



137.3200, 18.0832, -13.4356



212.8020, 6.9996, -5.0884



156.6280, 0.6764, -30.3688



105.8300, 4.5208, -3.3589



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



137.3200, 18.0832, -13.4356



169.0230, 28.5827, -21.0682



130.9180, 21.2394, 0.9489



80.7870, 3.0630, -2.4442



44.1020, 52.2077, -38.6775



6.7310, 8.0206, -5.9031

Inverse Universe

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



139.3720, -0.6764, 30.3688



172.3680, -1.1674, 47.9123



165.0820, -21.2394, -0.9489



81.0330, -0.0163, 5.2331



50.0940, -2.0183, 87.6176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 137.3200, 18.0832, -13.4356 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 137.3200, 18.0832, -13.4356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

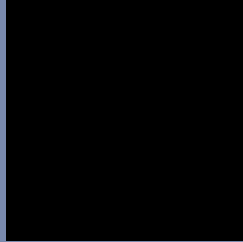
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

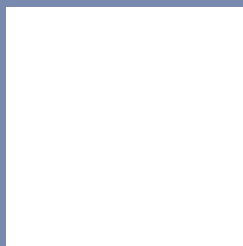
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.3200, 18.0832, -13.4356

Background



This preview shows how black text looks on a background with the YUV color 137.3200, 18.0832, -13.4356.



This preview shows how white text looks on a background with the YUV color 137.3200, 18.0832, -13.4356.

-13.4356.

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

137.3200, 18.0832, -13.4356

Protanopia

138.1250, 17.1934, -8.0026

Deuteranopia

138.6630, 17.9141, -5.8435



Tritanopia

135.7790, 8.4900, -16.4692

Trichromacy



Original Color

137.3200, 18.0832, -13.4356

Protanomaly

137.8150, 17.3462, -10.3618

Deuteranomaly

138.0540, 18.2144, -8.8174

Tritanomaly

136.7020, 11.9789, -15.5247

Monochromacy



Original Color

137.3200, 18.0832, -13.4356

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3200, 18.0832, -13.4356 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(122, 138, 174)` looks like.

```
.text, #text, p{  
    color:rgb(122, 138, 174)  
}
```

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(122, 138, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 138, 174) }
```

Border

The CSS property to change the border of an element to YUV 137.3200, 18.0832, -13.4356 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(122, 138, 174) }
```


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

```
.border{ border-color:rgb(122, 138, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 138, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 138, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 138, 174);  
box-shadow:4px 4px 4px 4px rgb(122, 138,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 137.3200, 18.0832, -13.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 138, 174) }
```

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

```
.background{ background-color: rgb(122,  
138, 174) }
```

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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