

Converting Colors

YUV(133.8800, 18.7932,
-7.7878)

Have a look what the booklet for
YUV(133.8800, 18.7932, -7.7878)
contains.

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Color

**YUV(133.8800, 18.7932,
-7.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	7D83AC
RGB	125, 131, 172
RGB Percent	49%, 51%, 67%
CMY	0.5098, 0.4863, 0.3255
CMYK	0.27, 0.24, 0.00, 0.33
HSL	232°, 22%, 58%
HSV	232°, 27%, 67%
XYZ	24.0201, 23.5711, 42.3134
YIQ	133.8800, -16.7370, 11.4790

Conversions

Conversions Part 2

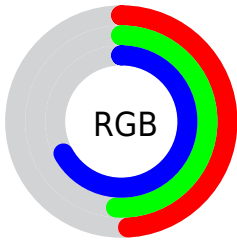
Format	Color
R_{YB}	125, 130, 172
Decimal	8225708
CIE _{Lab}	55.66, 7.26, -22.40
CIE _{LCh}	56, 23.551, 287.946
Yxy	23.5711, 0.2672, 0.2622
Android (android.graphics.Color)	4286415788 (0xFF7D83AC)
YUV	133.8800, 18.7932, -7.7878
Hunter-Lab	48.5501, 3.3501, -17.6886

Details

The YUV color $133.8800, 18.7932, -7.7878$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $163.1200, -18.7932, 7.7878$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.2220, 20.1036, -8.0877$, and $84.2390, 17.6302, -8.1026$ is the 20% darker color. If you saturate the color by 10%, you get $119.9920, 25.6399, -10.5170$, and if you desaturate by 10%, it is $147.7680, 11.9464, -5.0585$.

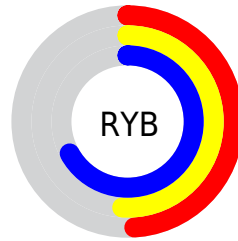
Distribution



Red (49%)

Green (51%)

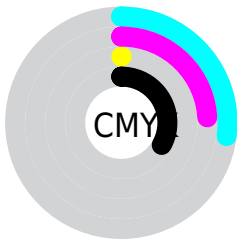
Blue (67%)



Red (49%)

Yellow (51%)

Blue (67%)

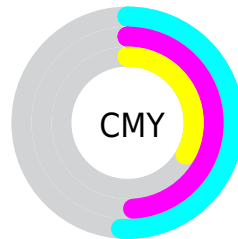


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8800, 18.7932, -7.7878 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 133.8800, 18.7932, -7.7878 by changing the saturation by 10% instead.

■ 133.8800, 18.7932,
-7.7878

■ 133.8800, 18.7932,
-7.7878

255.0000, 0.0000,
0.0000

■ 108.3530, 18.0670,
-8.2026

■ 187.2220, 20.1036,
-8.0877

■ 84.2390, 17.6302,
-8.1026

■ 215.1080, 19.6668,
-7.9877

■ 60.7120, 16.9040,
-8.5174

■ 240.2150, 7.2890,
-4.5736

■ 37.8860, 16.3252,
-9.5470

■ 16.3480, 15.6044,
-11.7062

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 133.8800, 18.7932,
-7.7878

■ 133.8800, 18.7932,
-7.7878

■ 119.9920, 25.6399,
-10.5170

■ 147.7680, 11.9464,
-5.0585

■ 106.1040, 32.4867,
-13.2462

■ 161.6560, 5.0996,
-2.3293

■ 91.9170, 39.4809,
-16.5902

■ 175.8430, -1.8946,
1.0147

■ 78.0290, 46.3277,
-19.3194

■ 189.7310, -8.7414,
3.7439

■ 64.1410, 53.1745,
-22.0487

■ 203.6190,
-15.5882, 6.4731

■ 50.2530, 60.0213,
-24.7779

■ 217.5070,
-22.4350, 9.2024

■ 36.3650, 66.8681,
-27.5071

■ 231.3950,
-29.2817, 11.9316

■ 32.5220, 68.7627,
-28.5218

■ 243.1900,
-35.0967, 10.3574

■ 245.5380,
-36.2542, 8.2982

Harmonies

Analogous

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



129.4320, 21.4790, -29.3199



133.8800, 18.7932, -7.7878



136.2910, 12.1815, 12.8998

Triad

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



133.8800, 18.7932, -7.7878



134.8870, -15.2273, 30.7941



125.2750, -0.6286, -31.8132

Complementary

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



133.8800, 18.7932, -7.7878



163.1200, -18.7932, 7.7878

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.



128.2250, -11.4499, -14.2293



133.8800, 18.7932, -7.7878



132.7840, -19.1205, 19.4834

Square

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



133.8800, 18.7932, -7.7878



136.0860, -6.9444, 34.1276



130.9130, -18.1981, 3.5843



123.1730, 10.7607, -44.8787

Rectangle

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



133.8800, 18.7932, -7.7878



136.4620, 6.1812, 24.1508



130.9130, -18.1981, 3.5843



125.9830, -4.4286, -26.2951

Sweetspot

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



133.8800, 18.7932, -7.7878



209.8130, 6.9942, -3.3440



157.2630, 4.3073, -28.2947



102.8410, 4.5154, -1.6146



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



133.8800, 18.7932, -7.7878



164.3060, 29.4291, -12.5464



135.4410, 18.0236, 5.7522



79.6130, 3.6418, -1.4146



28.2530, 60.0213, -24.7779



4.3830, 9.1782, -3.8439

Inverse Universe

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



139.7370, -4.3073, 28.2947



173.2660, -6.5401, 44.4937



161.5590, -18.0236, -5.7522



80.8050, -0.8899, 5.4330



47.0160, -13.8119, 90.3170



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 133.8800, 18.7932, -7.7878 looks on a white background.

Color Contrast Check

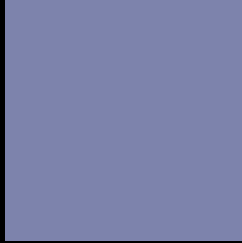
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8800, 18.7932, -7.7878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

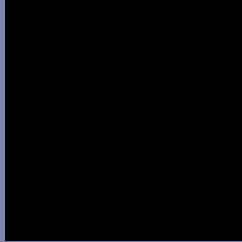
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.8800, 18.7932, -7.7878

Background



This preview shows how black text looks on a background with the YUV color 133.8800, 18.7932, -7.7878.



This preview shows how white text looks on a background with the YUV color 133.8800, 18.7932, -7.7878.

-7.7878.

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

133.8800, 18.7932, -7.7878

Protanopia

133.5700, 18.9460, -10.1469

Deuteranopia

133.8800, 18.7932, -7.7878



Tritanopia

132.3560, 6.7265, -10.8362

Trichromacy



Original Color

133.8800, 18.7932, -7.7878

Protanomaly

133.8690, 18.7986, -9.5321

Deuteranomaly

133.8800, 18.7932, -7.7878

Tritanomaly

132.8060, 10.9416, -9.4769

Monochromacy



Original Color

133.8800, 18.7932, -7.7878

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.1120, 6.8468, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8800, 18.7932, -7.7878 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(125, 131, 172)` looks like.

```
.text, #text, p{  
    color:rgb(125, 131, 172)  
}
```

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(125, 131, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 131, 172) }
```

Border

The CSS property to change the border of an element to YUV 133.8800, 18.7932, -7.7878 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(125, 131, 172) }
```


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

```
.border{ border-color:rgb(125, 131, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 131, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 131, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 131, 172);  
box-shadow:4px 4px 4px 4px rgb(125, 131,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 133.8800, 18.7932, -7.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 131, 172) }
```

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

```
.background{ background-color: rgb(125,  
131, 172) }
```

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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