

Converting Colors

YUV(133.1250, 17.1934,
-8.0026)

Have a look what the booklet for
YUV(133.1250, 17.1934, -8.0026)
contains.

YUV(133.1250, 17.1934, -8.0026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(133.1250, 17.1934,
-8.0026)**

Conversions

Conversions Part 1

Format	Color
Hex	7C83A8
RGB	124, 131, 168
RGB Percent	49%, 51%, 66%
CMY	0.5137, 0.4863, 0.3412
CMYK	0.26, 0.22, 0.00, 0.34
HSL	230°, 20%, 57%
HSV	230°, 26%, 66%
XYZ	23.4964, 23.3448, 40.3134
YIQ	133.1250, -16.0490, 10.0230

Conversions

Conversions Part 2

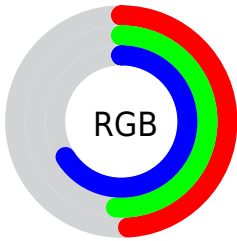
Format	Color
R_{YB}	124, 130, 168
Decimal	8160168
CIE _{Lab}	55.43, 5.93, -20.46
CIE _{LCh}	55, 21.308, 286.169
Yxy	23.3448, 0.2696, 0.2679
Android (android.graphics.Color)	4286350248 (0xFF7C83A8)
YUV	133.1250, 17.1934, -8.0026
Hunter-Lab	48.3165, 2.2509, -15.6477

Details

The YUV color $133.1250, 17.1934, -8.0026$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $158.8750, -17.1934, 8.0026$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.3530, 18.0670, -8.2026$, and $83.4840, 16.0304, -8.3175$ is the 20% darker color. If you saturate the color by 10%, you get $119.8240, 23.7508, -11.2466$, and if you desaturate by 10%, it is $146.4260, 10.6360, -4.7586$.

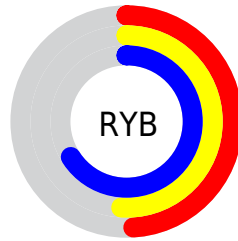
Distribution



Red (49%)

Green (51%)

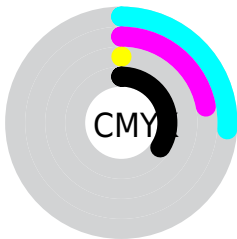
Blue (66%)



Red (49%)

Yellow (51%)

Blue (66%)

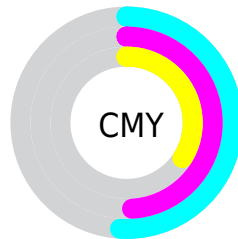


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (34%)



Cyan (51%)

Magenta (49%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1250, 17.1934, -8.0026 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 133.1250, 17.1934, -8.0026 by changing the saturation by 10% instead.

■ 133.1250, 17.1934,
-8.0026

■ 133.1250, 17.1934,
-8.0026

255.0000, 0.0000,
0.0000

■ 108.0110, 16.7566,
-7.9026

■ 186.3530, 18.0670,
-8.2026

■ 83.4840, 16.0304,
-8.3175

■ 214.4670, 18.5038,
-8.3026

■ 59.9570, 15.3042,
-8.7323

■ 239.6170, 7.5838,
-5.8031

■ 37.5440, 15.0148,
-9.2471

■ 16.3050, 14.1466,
-10.7915

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 133.1250, 17.1934,
-8.0026

■ 133.1250, 17.1934,
-8.0026

■ 119.8240, 23.7508,
-11.2466

■ 146.4260, 10.6360,
-4.7586

■ 106.5230, 30.3082,
-14.4907

■ 159.7270, 4.0786,
-1.5146

■ 93.5210, 36.7181,
-17.1199

■ 172.7290, -2.3314,
1.1147

■ 79.6330, 43.5649,
-19.8491

■ 186.6170, -9.1782,
3.8439

■ 66.3320, 50.1223,
-23.0932

■ 199.9180,
-15.7356, 7.0879

■ 53.0310, 56.6797,
-26.3372

■ 213.2190,
-22.2930, 10.3319

■ 39.7300, 63.2371,
-29.5812

■ 226.5200,
-28.8504, 13.5760

■ 35.0010, 65.5685,
-30.6959

■ 238.6250,
-34.8181, 14.3609

■ 245.0820,
-38.0014, 8.6981

Harmonies

Analogous

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



128.8730, 19.2896, -27.0756



133.1250, 17.1934, -8.0026



135.6390, 11.0240, 10.8406

Triad

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



133.1250, 17.1934, -8.0026



134.0330, -13.3273, 28.0351



126.0690, -1.5130, -28.1245

Complementary

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



133.1250, 17.1934, -8.0026



158.8750, -17.1934, 8.0026

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.



128.7630, -10.7292, -12.0702



133.1250, 17.1934, -8.0026



132.8270, -17.6627, 18.5687

Square

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



133.1250, 17.1934, -8.0026



135.2920, -6.0600, 30.4389



130.9670, -16.7457, 4.4139



124.0490, 8.8498, -38.6310

Rectangle

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



133.1250, 17.1934, -8.0026



135.7390, 6.0447, 21.2769



130.9670, -16.7457, 4.4139



126.8910, -4.8763, -22.7064

Sweetspot

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



133.1250, 17.1934, -8.0026



205.6990, 6.5574, -3.2440



154.0460, 3.4283, -26.3503



100.8410, 4.5154, -1.6146



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.



133.1250, 17.1934, -8.0026



165.2090, 26.5190, -12.4613



133.5010, 17.0080, 4.8226



77.4990, 3.2050, -1.3146



30.9600, 57.7007, -27.1519



4.0410, 7.8678, -3.5440

Inverse Universe

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



137.9540, -3.4283, 26.3503



172.5860, -5.2189, 40.7051



158.4990, -17.0080, -4.8226



78.5060, -0.7425, 4.8182



46.9880, -11.3331, 88.5875



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 133.1250, 17.1934, -8.0026 looks on a white background.

Color Contrast Check

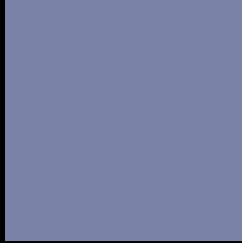
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1250, 17.1934, -8.0026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

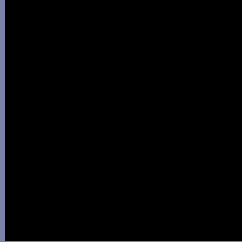
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.1250, 17.1934, -8.0026

Background



This preview shows how black text looks on a background with the YUV color 133.1250, 17.1934, -8.0026.



This preview shows how white text looks on a background with the YUV color 133.1250, 17.1934, -8.0026.

-8.0026.

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

133.1250, 17.1934, -8.0026

Protanopia

132.8260, 17.3408, -8.6174

Deuteranopia

133.4350, 17.0405, -5.6435



Tritanopia

131.7690, 7.0159, -10.3214

Trichromacy



Original Color

133.1250, 17.1934, -8.0026

Protanomaly

132.8260, 17.3408, -8.6174

Deuteranomaly

133.1360, 17.1880, -6.2583

Tritanomaly

132.3930, 10.6523, -9.9917

Monochromacy



Original Color

133.1250, 17.1934, -8.0026

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1250, 17.1934, -8.0026 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(124, 131, 168)` looks like.

```
.text, #text, p{  
    color:rgb(124, 131, 168)  
}
```

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(124, 131, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 131, 168) }
```

Border

The CSS property to change the border of an element to YUV 133.1250, 17.1934, -8.0026 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(124, 131, 168) }
```


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

```
.border{ border-color:rgb(124, 131, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 131, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 131, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 131, 168);  
box-shadow:4px 4px 4px 4px rgb(124, 131,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 133.1250, 17.1934, -8.0026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 131, 168) }
```

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

```
.background{ background-color: rgb(124,  
131, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor