

Converting Colors

YUV(133.7960, 12.9186, 9.8259)

Have a look what the booklet for
YUV(133.7960, 12.9186, 9.8259)
contains.

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Color

**YUV(133.7960, 12.9186,
9.8259)**

Conversions

Conversions Part 1

Format	Color
Hex	917BA0
RGB	145, 123, 160
RGB Percent	57%, 48%, 63%
CMY	0.4314, 0.5176, 0.3725
CMYK	0.09, 0.23, 0.00, 0.37
HSL	276°, 16%, 55%
HSV	276°, 23%, 63%
XYZ	25.1052, 22.7237, 36.3206
YIQ	133.7960, 1.2350, 16.1710

Conversions

Conversions Part 2

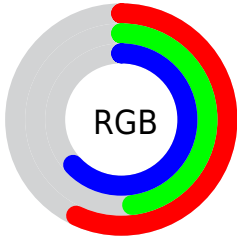
Format	Color
R_{YB}	145, 123, 160
Decimal	9534368
CIE _{Lab}	54.79, 15.69, -16.66
CIE _{LCh}	55, 22.887, 313.288
Yxy	22.7237, 0.2983, 0.2700
Android (android.graphics.Color)	4287724448 (0xFF917BA0)
YUV	133.7960, 12.9186, 9.8259
Hunter-Lab	47.6694, 10.5859, -11.8061

Details

The YUV color **133.7960, 12.9186, 9.8259** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **149.2040, -12.9186, -9.8259**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3230, 13.6448, 10.2407**, and **83.8560, 11.9030, 8.8963** is the 20% darker color. If you saturate the color by 10%, you get **122.6100, 18.4333, 14.3740**, and if you desaturate by 10%, it is **144.9820, 7.4039, 5.2778**.

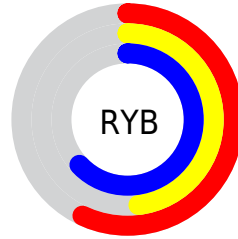
Distribution



Red (57%)

Green (48%)

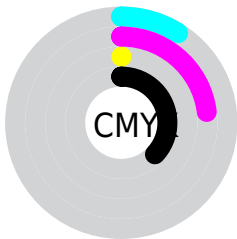
Blue (63%)



Red (57%)

Yellow (48%)

Blue (63%)

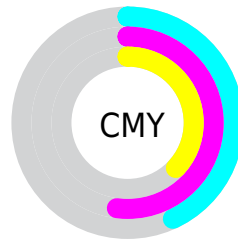


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (37%)



Cyan (43%)

Magenta (52%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.7960, 12.9186, 9.8259 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 133.7960, 12.9186, 9.8259 by changing the saturation by 10% instead.

■ 133.7960, 12.9186,
9.8259

■ 133.7960, 12.9186,
9.8259

255.0000, 0.0000,
0.0000

■ 108.3830, 12.6292,
9.3111

■ 187.3230, 13.6448,
10.2407

■ 83.8560, 11.9030,
8.8963

■ 214.7360, 13.9342,
10.7555

■ 60.4430, 11.6136,
8.3815

■ 240.9120, 6.9454,
12.3552

■ 38.6170, 11.0348,
7.3519

■ 16.6280, 11.0294,
9.0962

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 133.7960, 12.9186,
9.8259

■ 133.7960, 12.9186,
9.8259

■ 122.6100, 18.4333,
14.3740

■ 144.9820, 7.4039,
5.2778

■ 111.1250, 24.0954,
18.3074

■ 156.4670, 1.7418,
1.3444

■ 99.9390, 29.6101,
22.8555

■ 167.6530, -3.7729,
-3.2037

■ 88.4540, 35.2722,
26.7888

■ 179.1380, -9.4350,
-7.1370

■ 77.2680, 40.7869,
31.3370

■ 190.3240,
-14.9497, -11.6851

■ 65.7830, 46.4490,
35.2703

■ 201.8090,
-20.6118, -15.6185

■ 54.5970, 51.9637,
39.8184

■ 212.9950,
-26.1265, -20.1666

■ 46.6450, 55.8840,
42.4073

■ 224.4800,
-31.7886, -24.1000

■ 228.6220,
-33.8306, -22.4705

Harmonies

Analogous

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



131.1570, 18.6566, -10.6617



133.7960, 12.9186, 9.8259



134.3050, 4.2866, 25.1655

Triad

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



133.7960, 12.9186, 9.8259



131.0230, -18.2523, 21.0278



121.3260, 8.7133, -41.5049

Complementary

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



133.7960, 12.9186, 9.8259



149.2040, -12.9186, -9.8259

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.



123.8410, -2.3866, -27.9246



133.7960, 12.9186, 9.8259



129.2230, -18.3509, 5.9434

Square

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



133.7960, 12.9186, 9.8259



132.6420, -13.6275, 31.0090



126.7200, -12.1870, -11.1554



121.7200, 17.8860, -43.6044

Rectangle

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



133.7960, 12.9186, 9.8259



134.3290, -2.1342, 31.2835



126.7200, -12.1870, -11.1554



122.1370, 5.3555, -37.8311

Sweetspot

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



133.7960, 12.9186, 9.8259



198.4010, 5.2253, 4.0333



136.0230, 11.8207, -11.4212



98.5210, 3.1941, 2.1741



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



133.7960, 12.9186, 9.8259



167.7780, 20.3224, 15.1037



137.9390, 9.3971, 19.3475



73.4070, 2.7573, 2.2741



41.7170, 49.9325, 37.9592



4.4010, 5.2253, 4.0333

Inverse Universe

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



135.7730, 1.0979, 21.2471



170.9640, 1.4967, 33.3576



145.0610, -9.3971, -19.3475



73.7340, 0.1311, 4.6183



49.3690, 4.2551, 82.1144



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 133.7960, 12.9186, 9.8259 looks on a white background.

Color Contrast Check

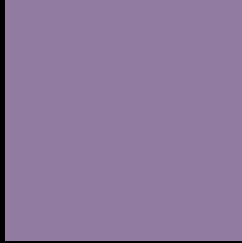
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7960, 12.9186, 9.8259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

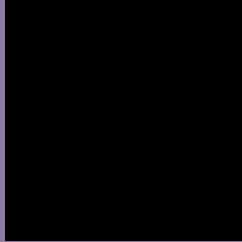
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.7960, 12.9186, 9.8259

Background



This preview shows how black text looks on a background with the YUV color 133.7960, 12.9186, 9.8259.



This preview shows how white text looks on a background with the YUV color 133.7960, 12.9186, 9.8259.

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

133.7960, 12.9186, 9.8259

Protanopia

131.8970, 16.3198, -7.8027

Deuteranopia

132.1320, 13.2459, -1.8698



Tritanopia

132.3260, 2.3043, 7.6071

Trichromacy



Original Color

133.7960, 12.9186, 9.8259

Protanomaly

132.3000, 15.1351, -1.1401

Deuteranomaly

132.4530, 13.0877, 2.2337

Tritanomaly

132.9500, 5.9407, 7.9369

Monochromacy



Original Color

133.7960, 12.9186, 9.8259

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7960, 12.9186, 9.8259 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(145, 123, 160)` looks like.

```
.text, #text, p{  
    color:rgb(145, 123, 160)  
}
```

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(145, 123, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 123, 160) }
```

Border

The CSS property to change the border of an element to YUV 133.7960, 12.9186, 9.8259 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(145, 123, 160) }
```


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

```
.border{ border-color:rgb(145, 123, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 123, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 123, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 123, 160);  
box-shadow:4px 4px 4px 4px rgb(145, 123,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 133.7960, 12.9186, 9.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 123, 160) }
```

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

```
.background{ background-color: rgb(145,  
123, 160) }
```

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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