

# Converting Colors

YUV(134.7180, 1.1250, 12.5253)

Have a look what the booklet for  
YUV(134.7180, 1.1250, 12.5253)  
contains.

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# Color

**YUV(134.7180, 1.1250,  
12.5253)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	957F89
RGB	149, 127, 137
RGB Percent	58%, 50%, 54%
CMY	0.4157, 0.5020, 0.4627
CMYK	0.00, 0.15, 0.08, 0.42
HSL	333°, 9%, 54%
HSV	333°, 15%, 58%
XYZ	24.4992, 23.3744, 26.8874
YIQ	134.7180, 9.9020, 7.7740

# Conversions

## Conversions Part 2

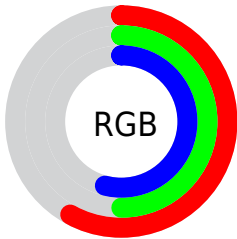
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 127, 137
Decimal	9797513
CIE Lab	55.46, 10.21, -2.28
CIE LCh	55, 10.456, 347.429
Yxy	23.3744, 0.3277, 0.3127
Android (android.graphics.Color)	4287987593 (0xFF957F89)
YUV	134.7180, 1.1250, 12.5253
Hunter-Lab	48.3471, 5.8446, 0.8699

# Details

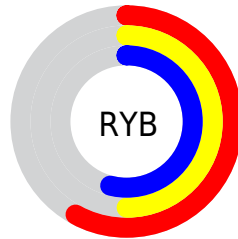
The YUV color **134.7180, 1.1250, 12.5253** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **141.2820, -1.1250, -12.5253**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0170, 0.9776, 13.1401**, and **85.0060, 0.9830, 11.3957** is the 20% darker color. If you saturate the color by 10%, you get **125.0010, 1.9715, 21.0471**, and if you desaturate by 10%, it is **144.4350, 0.2785, 4.0035**.

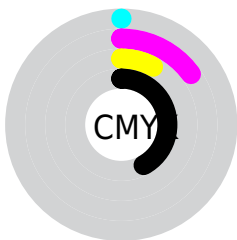
# Distribution



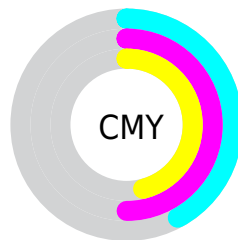
- Red (58%)
- Green (50%)
- Blue (54%)



- Red (58%)
- Yellow (50%)
- Blue (54%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (42%)




- Cyan (42%)
- Magenta (50%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 134.7180, 1.1250, 12.5253 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 134.7180, 1.1250, 12.5253 by changing the saturation by 10% instead.




 134.7180, 1.1250,  
12.5253

 134.7180, 1.1250,  
12.5253


255.0000, 0.0000,  
0.0000

 109.4190, 1.2724,  
11.9105


 188.0170, 0.9776,  
13.1401


 85.0060, 0.9830,  
11.3957

 215.4300, 1.2670,  
13.6549

 61.7070, 1.1304,  
10.7810

 242.9350, 2.0040,  
10.5810

 39.4080, 1.2779,  
10.1662

 18.5220, 1.7147,  
10.0662

 0.0000, 0.0000,  
0.0000

■ 134.7180, 1.1250,  
12.5253

■ 134.7180, 1.1250,  
12.5253

■ 125.0010, 1.9715,  
21.0471

■ 144.4350, 0.2785,  
4.0035

■ 115.2840, 2.8180,  
29.5689

■ 154.1520, -0.5679,  
-4.5183

■ 105.5670, 3.6645,  
38.0907

■ 163.8690, -1.4144,  
-13.0401

■ 95.7360, 4.0742,  
46.7125

■ 173.7000, -1.8241,  
-21.6619

■ 86.6060, 4.6312,  
54.7195

■ 183.4170, -2.6706,  
-30.1837

■ 76.8890, 5.4777,  
63.2413

■ 192.5470, -3.2277,  
-38.1907

■ 67.1720, 6.3242,  
71.7632


■ 202.2640, -4.0742,  
-46.7125


■ 57.4550, 7.1707,

■ 211.9810, -4.9206,

80.2850

-55.2343

 52.3030, 7.7386,  
84.8033

 218.1760, -4.0308,  
-60.6674

# Harmonies

## Analogous

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



134.4120, 5.2199, 5.7777



134.7180, 1.1250, 12.5253



134.5890, -3.2484, 15.2694

# Triad

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



134.7180, 1.1250, 12.5253



132.2470, -8.0098, 2.4144



130.2520, 7.7638, -16.8840

# Complementary

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



134.7180, 1.1250, 12.5253



141.2820, -1.1250, -12.5253

# 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.



129.6280, 4.1274, -17.2138



134.7180, 1.1250, 12.5253



130.5880, -5.2199, -5.7777

# Square

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



134.7180, 1.1250, 12.5253



133.0630, -8.9051, 9.5917



130.0970, -0.5408, -13.2401



131.9260, 8.9105, -11.3361



# Rectangle

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



134.7180, 1.1250, 12.5253



134.4920, -6.1586, 15.3545



130.0970, -0.5408, -13.2401



130.1980, 6.3114, -17.7136

# Sweetspot

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



134.7180, 1.1250, 12.5253



188.8480, 0.5679, 4.5183



133.0960, 7.8407, 5.1778



93.7230, 0.1366, 2.8739



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



134.7180, 1.1250, 12.5253



171.2890, 1.8295, 19.9175



134.1650, -3.5323, 13.0103



69.4350, 0.2785, 4.0035



48.4440, 7.1761, 78.5406



3.5600, 0.7099, 5.6479



# Inverse Universe

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



134.7180, 1.1250, 12.5253



171.2890, 1.8295, 19.9175



141.8350, 3.5323, -13.0103



69.4350, 0.2785, 4.0035



48.4440, 7.1761, 78.5406



3.5600, 0.7099, 5.6479



# Previews

## White Background



This preview shows how the YUV color 134.7180, 1.1250, 12.5253 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

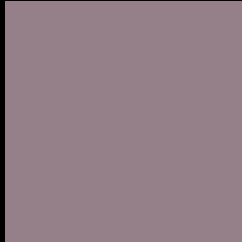
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 134.7180, 1.1250, 12.5253 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

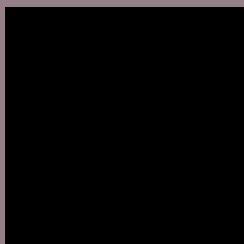
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 134.7180, 1.1250, 12.5253

## Background



This preview shows how black text looks on a background with the YUV color 134.7180, 1.1250, 12.5253.



This preview shows how white text looks on a background with the YUV color 134.7180, 1.1250,



# 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

134.7180, 1.1250, 12.5253

### Protanopia

133.2110, 3.3470, -0.1850

### Deuteranopia

134.3970, 1.2833, 8.4218



## Tritanopia

134.7180, 1.1250, 12.5253

# Trichromacy



## Original Color

134.7180, 1.1250, 12.5253

## Protanomaly

133.7170, 2.6045, 4.6332

## Deuteranomaly

134.4080, 1.2779, 10.1662

## Tritanomaly

134.7180, 1.1250, 12.5253

# Monochromacy



## Original Color

134.7180, 1.1250, 12.5253

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.8480, 0.5679, 4.5183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.7180, 1.1250, 12.5253 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(149, 127, 137)` looks like.

```
.text, #text, p{  
    color:rgb(149, 127, 137)  
}
```

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(149, 127, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 127, 137) }
```

## Border

The CSS property to change the border of an element to YUV 134.7180, 1.1250, 12.5253 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(149, 127, 137) }
```



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

```
.border{ border-color:rgb(149, 127, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 127, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 127, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 127, 137);  
box-shadow:4px 4px 4px 4px rgb(149, 127,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 134.7180, 1.1250, 12.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 127, 137) }
```

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

```
.background{ background-color: rgb(149,  
127, 137) }
```

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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