

Converting Colors

YUV(133.6040, 0.6882, 12.6253)

Have a look what the booklet for
YUV(133.6040, 0.6882, 12.6253)
contains.

YUV(133.6040, 0.6882, 12.6253)	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(133.6040, 0.6882,
12.6253)**

Conversions

Conversions Part 1

Format	Color
Hex	947E87
RGB	148, 126, 135
RGB Percent	58%, 49%, 53%
CMY	0.4196, 0.5059, 0.4706
CMYK	0.00, 0.15, 0.09, 0.42
HSL	335°, 9%, 54%
HSV	335°, 15%, 58%
XYZ	24.0468, 22.9669, 26.0873
YIQ	133.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

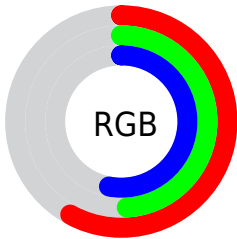
Format	Color
R_{YB}	148, 126, 135
Decimal	9731719
CIE _{Lab}	55.04, 10.04, -1.74
CIE _{LCh}	55, 10.185, 350.170
Yxy	22.9669, 0.3290, 0.3142
Android (android.graphics.Color)	4287921799 (0xFF947E87)
YUV	133.6040, 0.6882, 12.6253
Hunter-Lab	47.9238, 5.6996, 1.2721

Details

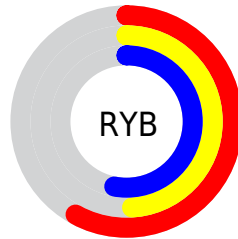
The YUV color $[133.6040, 0.6882, 12.6253]$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $[140.3960, -0.6882, -12.6253]$, and the grayscale version is $[134.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[186.9030, 0.5408, 13.2401]$, and $[83.8920, 0.5462, 11.4957]$ is the 20% darker color. If you saturate the color by 10%, you get $[123.7730, 1.0979, 21.2471]$, and if you desaturate by 10%, it is $[143.4350, 0.2785, 4.0035]$.

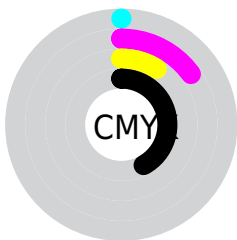
Distribution



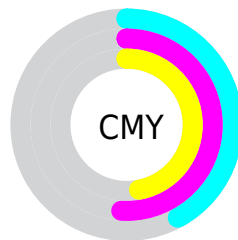
- Red (58%)
- Green (49%)
- Blue (53%)



- Red (58%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6040, 0.6882, 12.6253 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 133.6040, 0.6882, 12.6253 by changing the saturation by 10% instead.

 133.6040, 0.6882,
12.6253


 133.6040, 0.6882,
12.6253


255.0000, 0.0000,
0.0000

 108.3050, 0.8356,
12.0105


 186.9030, 0.5408,
13.2401


 83.8920, 0.5462,
11.4957

 214.3160, 0.8302,
13.7549

 60.5930, 0.6937,
10.8809

 241.4190, 1.2724,
11.9105

 38.8810, 0.5517,
9.7514

 17.7070, 1.1304,
10.7810

 0.0000, 0.0000,
0.0000

■ 133.6040, 0.6882,
12.6253

■ 133.6040, 0.6882,
12.6253

■ 123.7730, 1.0979,
21.2471

■ 143.4350, 0.2785,
4.0035

■ 114.0560, 1.9444,
29.7689

■ 153.1520, -0.5679,
-4.5183

■ 104.8120, 2.0647,
37.8759

■ 162.3960, -0.6882,
-12.6253

■ 94.9810, 2.4744,
46.4977

■ 172.2270, -1.0979,
-21.2471

■ 85.1500, 2.8841,
55.1195

■ 182.0580, -1.5076,
-29.8689

■ 75.4330, 3.7305,
63.6413

■ 191.7750, -2.3541,
-38.3907

■ 65.6020, 4.1402,
72.2630


■ 201.6060, -2.7638,
-47.0125


■ 56.3580, 4.2605,

■ 210.8500, -2.8840,

80.3700

-55.1194

 51.2060, 4.8284,
84.8883

 218.3330, -2.1362,
-61.6820

Harmonies

Analogous

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



133.2980, 4.7831, 5.8777



133.6040, 0.6882, 12.6253



133.4750, -3.6852, 15.3694

Triad

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



133.6040, 0.6882, 12.6253



130.6490, -7.7150, 1.1848



129.5510, 7.6164, -16.2692

Complementary

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



133.6040, 0.6882, 12.6253



140.3960, -0.6882, -12.6253

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.



128.6280, 4.1274, -17.2138



133.6040, 0.6882, 12.6253



129.4030, -4.6357, -6.4924

Square

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



133.6040, 0.6882, 12.6253



131.8780, -8.3209, 8.8770



129.0970, -0.5408, -13.2401



130.6380, 9.0525, -10.2065

Rectangle

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



133.6040, 0.6882, 12.6253



133.1930, -6.0111, 14.7397



129.0970, -0.5408, -13.2401



129.0240, 6.8902, -16.6840

Sweetspot

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



133.6040, 0.6882, 12.6253



186.4350, 0.2785, 4.0035



132.3950, 7.6933, 5.7926



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.



133.6040, 0.6882, 12.6253



168.7620, 1.1033, 19.5027



133.7520, -3.8217, 12.4955



69.4350, 0.2785, 4.0035



47.6460, 4.1185, 79.2405



3.4460, 0.2731, 5.7479

Inverse Universe

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



133.6040, 0.6882, 12.6253



168.7620, 1.1033, 19.5027



140.2480, 3.8217, -12.4955



69.4350, 0.2785, 4.0035



47.6460, 4.1185, 79.2405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 133.6040, 0.6882, 12.6253 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 133.6040, 0.6882, 12.6253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

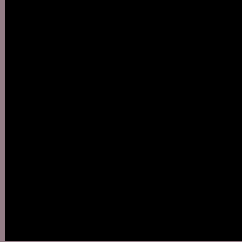
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.6040, 0.6882, 12.6253

Background



This preview shows how black text looks on a background with the YUV color 133.6040, 0.6882, 12.6253.



This preview shows how white text looks on a background with the YUV color 133.6040, 0.6882,

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

133.6040, 0.6882, 12.6253

Protanopia

132.0970, 2.9102, -0.0851

Deuteranopia

133.2830, 0.8465, 8.5218



Tritanopia

133.7180, 1.1250, 12.5253

Trichromacy



Original Color

133.6040, 0.6882, 12.6253

Protanomaly

132.6030, 2.1677, 4.7332

Deuteranomaly

133.2940, 0.8411, 10.2662

Tritanomaly

133.7180, 1.1250, 12.5253

Monochromacy



Original Color

133.6040, 0.6882, 12.6253

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7340, 0.1311, 4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6040, 0.6882, 12.6253 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(148, 126, 135)` looks like.

```
.text, #text, p{  
    color:rgb(148, 126, 135)  
}
```

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(148, 126, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 126, 135) }
```

Border

The CSS property to change the border of an element to YUV 133.6040, 0.6882, 12.6253 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(148, 126, 135) }
```


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

```
.border{ border-color:rgb(148, 126, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 126, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 126, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 126, 135);  
box-shadow:4px 4px 4px 4px rgb(148, 126,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 133.6040, 0.6882, 12.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 126, 135) }
```

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

```
.background{ background-color: rgb(148,  
126, 135) }
```

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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