

Converting Colors

YUV(130.7830, -0.8790, 1.9443)

Have a look what the booklet for
YUV(130.7830, -0.8790, 1.9443)
contains.

YUV(130.7830, -0.8790, 1.9443)	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(130.7830, -0.8790,
1.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	858281
RGB	133, 130, 129
RGB Percent	52%, 51%, 51%
CMY	0.4784, 0.4902, 0.4941
CMYK	0.00, 0.02, 0.03, 0.48
HSL	15°, 2%, 51%
HSV	15°, 3%, 52%
XYZ	21.6179, 22.5368, 23.9795
YIQ	130.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

Format	Color
RYB	133, 130, 129
Decimal	8749697
CIELab	54.59, 0.93, 0.93
CIELCh	55, 1.318, 44.994
Yxy	22.5368, 0.3173, 0.3308
Android (android.graphics.Color)	4286939777 (0xFF858281)
YUV	130.7830, -0.8790, 1.9443
Hunter-Lab	47.4729, -1.7933, 3.2825

Details

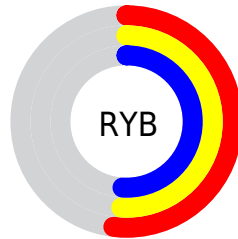
The YUV color $130.7830, -0.8790, 1.9443$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $131.2170, 0.8790, -1.9443$, and the grayscale version is $131.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $183.7830, -0.8790, 1.9443$, and $81.7830, -0.8790, 1.9443$ is the 20% darker color. If you saturate the color by 10%, you get $123.4310, -3.6635, 8.3920$, and if you desaturate by 10%, it is $138.1350, 1.9054, -4.5034$.

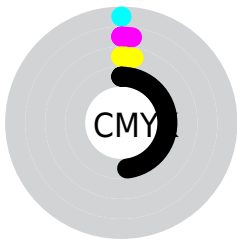
Distribution



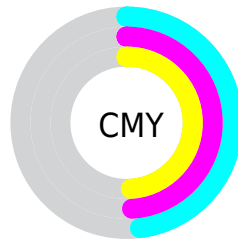
- Red (52%)
- Green (51%)
- Blue (51%)



- Red (52%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7830, -0.8790, 1.9443 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 130.7830, -0.8790, 1.9443 by changing the saturation by 10% instead.

■ 130.7830, -0.8790,
1.9443

■ 130.7830, -0.8790,
1.9443

255.0000, 0.0000,
0.0000

■ 105.7830, -0.8790,
1.9443

■ 183.7830, -0.8790,
1.9443

■ 81.7830, -0.8790,
1.9443

■ 211.0820, -1.0264,
2.5591

■ 58.4840, -0.7316,
1.3295

■ 239.7830, -0.8790,
1.9443

■ 36.8970, -0.4422,
1.8443

■ 15.7830, -0.8790,
1.9443

■ 0.0000, 0.0000,
0.0000

■ 130.7830, -0.8790,
1.9443

■ 130.7830, -0.8790,
1.9443

■ 123.4310, -3.6635,
8.3920

■ 138.1350, 1.9054,
-4.5034

■ 115.9650, -6.8847,
14.9397

■ 145.6010, 5.1267,
-11.0511

■ 108.6130, -9.6692,
21.3874

■ 152.9530, 7.9112,
-17.4988

■ 101.2610,
-12.4537, 27.8351

■ 160.3050, 10.6956,
-23.9465

■ 93.7950, -15.6749,
34.3828

■ 167.6570, 13.4801,
-30.3942

■ 86.4430, -18.4594,
40.8305

■ 175.1230, 16.7014,
-36.9419

■ 79.0910, -21.2439,
47.2782

■ 182.4750, 19.4858,
-43.3896

■ 71.7390, -24.0283,

■ 189.8270, 22.2703,

53.7259

-49.8373

■ 64.2730, -27.2496,
60.2736

■ 197.2930, 25.4916,
-56.3850

Harmonies

Analogous

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



130.8970, -0.4422, 1.8443



130.7830, -0.8790, 1.9443



130.3700, -1.1684, 1.4295

Triad

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



130.7830, -0.8790, 1.9443



130.2880, -0.1420, -1.1296



130.3420, 1.3104, -0.2999

Complementary

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



130.7830, -0.8790, 1.9443



131.2170, 0.8790, -1.9443

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.



130.6300, 1.1684, -1.4295



130.7830, -0.8790, 1.9443



130.1030, 0.4422, -1.8443

Square

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



130.7830, -0.8790, 1.9443



130.4730, -0.7262, -0.4148



130.2170, 0.8790, -1.9443



130.8260, 0.5788, 1.0296

Rectangle

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



130.7830, -0.8790, 1.9443



130.6580, -1.3104, 0.2999



130.2170, 0.8790, -1.9443



130.9290, 1.0210, -0.8147

Sweetspot

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



130.7830, -0.8790, 1.9443



172.2990, -0.1474, 0.6148



130.5380, 0.7208, 2.1592



86.2990, -0.1474, 0.6148



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



130.7830, -0.8790, 1.9443



169.2670, -1.6106, 3.2738



131.9570, -1.4578, 0.9147



64.4840, -0.7316, 1.3295



58.2410, -28.7128, 62.9326



1.4840, -0.7316, 1.3295

Inverse Universe

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



131.2170, 0.8790, -1.9443



170.3200, 1.3212, -3.7886



130.0430, 1.4578, -0.9147



64.5160, 0.7316, -1.3295



72.3460, 28.4234, -63.4474



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 130.7830, -0.8790, 1.9443 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 130.7830, -0.8790, 1.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

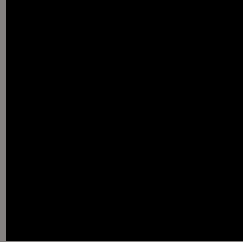
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.7830, -0.8790, 1.9443

Background



This preview shows how black text looks on a background with the YUV color 130.7830, -0.8790, 1.9443.



This preview shows how white text looks on a background with the YUV color 130.7830, -0.8790,

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

130.7830, -0.8790, 1.9443

Protanopia

130.7830, -0.8790, 1.9443

Deuteranopia

131.5390, -0.7587, 10.0513



Tritanopia

131.6350, 3.6309, 2.0741

Trichromacy



Original Color

130.7830, -0.8790, 1.9443

Protanomaly

130.7830, -0.8790, 1.9443

Deuteranomaly

130.9300, -0.4585, 7.0774

Tritanomaly

131.1790, 1.8838, 2.4740

Monochromacy



Original Color

130.7830, -0.8790, 1.9443

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1850, -0.5842, 0.7148

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7830, -0.8790, 1.9443 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(133, 130, 129)` looks like.

```
.text, #text, p{  
    color:rgb(133, 130, 129)  
}
```

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(133, 130, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 130, 129) }
```

Border

The CSS property to change the border of an element to YUV 130.7830, -0.8790, 1.9443 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(133, 130, 129) }
```


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

```
.border{ border-color:rgb(133, 130, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 130, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 130, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 130, 129);  
box-shadow:4px 4px 4px 4px rgb(133, 130,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 130.7830, -0.8790, 1.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 130, 129) }
```

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

```
.background{ background-color: rgb(133,  
130, 129) }
```

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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