

Converting Colors

YUV(130.7940, -0.8844, 3.6887)

Have a look what the booklet for
YUV(130.7940, -0.8844, 3.6887)
contains.

YUV(130.7940, -0.8844, 3.6887)	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(130.7940, -0.8844,
3.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	878181
RGB	135, 129, 129
RGB Percent	53%, 51%, 51%
CMY	0.4706, 0.4941, 0.4941
CMYK	0.00, 0.04, 0.04, 0.47
HSL	0°, 2%, 52%
HSV	0°, 4%, 53%
XYZ	21.8044, 22.4364, 23.9503
YIQ	130.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

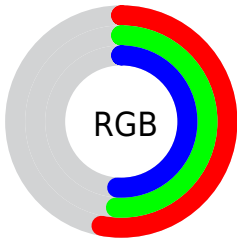
Format	Color
RYB	135, 129, 129
Decimal	8880513
CIELab	54.49, 2.26, 0.80
CIELCh	54, 2.397, 19.493
Yxy	22.4364, 0.3198, 0.3290
Android (android.graphics.Color)	4287070593 (0xFF878181)
YUV	130.7940, -0.8844, 3.6887
Hunter-Lab	47.3671, -0.7239, 3.1780

Details

The YUV color **130.7940, -0.8844, 3.6887** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **133.2060, 0.8844, -3.6887**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.7940, -0.8844, 3.6887**, and **81.4950, -0.7370, 3.0739** is the 20% darker color. If you saturate the color by 10%, you get **121.6810, -2.8007, 11.6808**, and if you desaturate by 10%, it is **140.6080, 1.1793, -4.9182**.

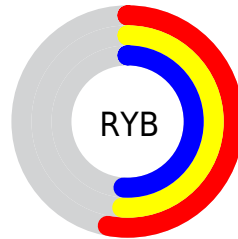
Distribution



Red (53%)

Green (51%)

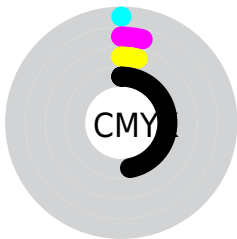
Blue (51%)



Red (53%)

Yellow (51%)

Blue (51%)

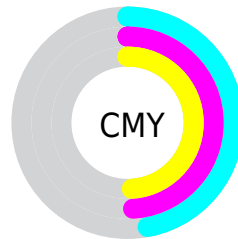


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7940, -0.8844, 3.6887 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 130.7940, -0.8844, 3.6887 by changing the saturation by 10% instead.

■ 130.7940, -0.8844,
3.6887

■ 130.7940, -0.8844,
3.6887

255.0000, 0.0000,
0.0000

■ 105.7940, -0.8844,
3.6887

■ 183.7940, -0.8844,
3.6887

■ 81.4950, -0.7370,
3.0739

■ 211.0930, -1.0318,
4.3034

■ 58.4950, -0.7370,
3.0739

■ 239.7940, -0.8844,
3.6887

■ 37.1960, -0.5896,
2.4591

■ 15.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,
0.0000

■ 130.7940, -0.8844,
3.6887

■ 130.7940, -0.8844,
3.6887

■ 121.6810, -2.8007,
11.6808

■ 140.6080, 1.1793,
-4.9182

■ 111.8670, -4.8644,
20.2876

■ 149.7210, 3.0955,
-12.9103

■ 102.0530, -6.9281,
28.8945

■ 159.5350, 5.1592,
-21.5172

■ 92.9400, -8.8444,
36.8866

■ 168.6480, 7.0755,
-29.5093

■ 83.1260, -10.9081,
45.4935

■ 177.7610, 8.9918,
-37.5014

■ 74.0130, -12.8244,
53.4856

■ 187.5750, 11.0555,
-46.1083

■ 64.9000, -14.7407,
61.4777

■ 197.3890, 13.1192,
-54.7152

■ 55.0860, -16.8044,

■ 206.5020, 15.0355,

70.0846

-62.7073

■ 45.9730, -18.7207,
78.0767

■ 216.3160, 17.0992,
-71.3141

Harmonies

Analogous

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



130.7230, 0.1366, 2.8739



130.7940, -0.8844, 3.6887



130.5660, -1.7580, 3.8886

Triad

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



130.7940, -0.8844, 3.6887



129.7610, -0.8682, -1.5444



130.4450, 1.7526, -2.1443

Complementary

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



130.7940, -0.8844, 3.6887



133.2060, 0.8844, -3.6887

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.



129.7330, 1.6106, -3.2738



130.7940, -0.8844, 3.6887



129.8640, -0.4260, -3.3887

Square

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



130.7940, -0.8844, 3.6887



130.4300, -2.1840, 0.4999



129.9070, 1.0318, -4.3034



130.4560, 1.7472, -0.3999

Rectangle

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



130.7940, -0.8844, 3.6887



130.7400, -2.3368, 2.8590



129.9070, 1.0318, -4.3034



130.1460, 1.9000, -2.7590

Sweetspot

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



130.7940, -0.8844, 3.6887



174.5980, -0.2948, 1.2296



131.4780, 1.7363, 3.0888



88.2990, -0.1474, 0.6148



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



130.7940, -0.8844, 3.6887



169.6910, -1.3267, 5.5330



132.5550, -1.7526, 2.1443



63.1960, -0.5896, 2.4591



38.8700, -19.1629, 79.9210



0.8970, -0.4422, 1.8443

Inverse Universe

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



133.2060, 0.8844, -3.6887



173.3090, 1.3267, -5.5330



131.4450, 1.7526, -2.1443



64.8040, 0.5896, -2.4591



91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Previews

White Background



This preview shows how the YUV color 130.7940, -0.8844, 3.6887 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 130.7940, -0.8844, 3.6887 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 130.7940, -0.8844, 3.6887

Background



This preview shows how black text looks on a background with the YUV color 130.7940, -0.8844, 3.6887.



This preview shows how white text looks on a background with the YUV color 130.7940, -0.8844,

3.6887.

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

130.7940, -0.8844, 3.6887

Protanopia

130.7830, -0.8790, 1.9443

Deuteranopia

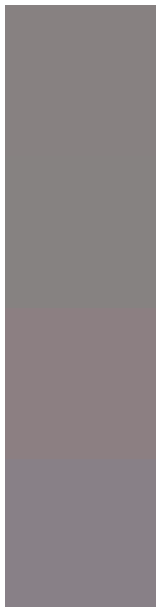
131.5390, -0.7587, 10.0513



Tritanopia

131.5320, 3.1887, 3.9184

Trichromacy



Original Color

130.7940, -0.8844, 3.6887

Protanomaly

131.0820, -1.0264, 2.5591

Deuteranomaly

131.2290, -0.6059, 7.6922

Tritanomaly

131.1900, 1.8783, 4.2184

Monochromacy



Original Color

130.7940, -0.8844, 3.6887

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.5980, -0.2948, 1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7940, -0.8844, 3.6887 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(135, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(135, 129, 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(135, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 129, 129) }
```

Border

The CSS property to change the border of an element to YUV 130.7940, -0.8844, 3.6887 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(135, 129, 129) }
```


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

```
.border{ border-color:rgb(135, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(135, 129,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 130.7940, -0.8844, 3.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 129, 129) }
```

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

```
.background{ background-color: rgb(135,  
129, 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](#).

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