

Converting Colors

YUV(130.7850, 12.9240, 8.0816)

Have a look what the booklet for
YUV(130.7850, 12.9240, 8.0816)
contains.

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Color

**YUV(130.7850, 12.9240,
8.0816)**

Conversions

Conversions Part 1

Format	Color
Hex	8C799D
RGB	140, 121, 157
RGB Percent	55%, 47%, 62%
CMY	0.4510, 0.5255, 0.3843
CMYK	0.11, 0.23, 0.00, 0.38
HSL	272°, 16%, 55%
HSV	272°, 23%, 62%
XYZ	23.7384, 21.6845, 34.8327
YIQ	130.7850, -0.2320, 15.2240

Conversions

Conversions Part 2

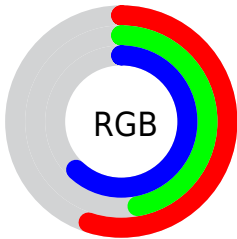
Format	Color
R_{YB}	140, 121, 157
Decimal	9206173
CIE _{Lab}	53.69, 14.49, -16.63
CIE _{LCh}	54, 22.054, 311.061
Yxy	21.6845, 0.2958, 0.2702
Android (android.graphics.Color)	4287396253 (0xFF8C799D)
YUV	130.7850, 12.9240, 8.0816
Hunter-Lab	46.5666, 9.5028, -11.7533

Details

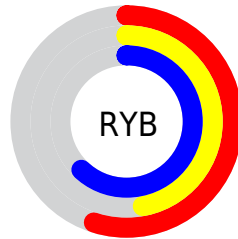
The YUV color **130.7850, 12.9240, 8.0816** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147.2150, -12.9240, -8.0816**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.7250, 13.9396, 9.0112**, and **81.2580, 12.1978, 7.6667** is the 20% darker color. If you saturate the color by 10%, you get **119.3000, 18.5861, 12.0149**, and if you desaturate by 10%, it is **142.2700, 7.2619, 4.1482**.

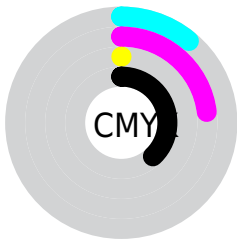
Distribution



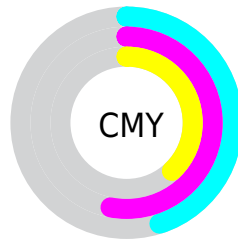
- Red (55%)
- Green (47%)
- Blue (62%)



- Red (55%)
- Yellow (47%)
- Blue (62%)



- Cyan (11%)
- Magenta (23%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7850, 12.9240, 8.0816 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 130.7850, 12.9240, 8.0816 by changing the saturation by 10% instead.

■ 130.7850, 12.9240,
8.0816

■ 130.7850, 12.9240,
8.0816

■ 255.0000, 0.0000,
0.0000

■ 105.3720, 12.6346,
7.5668

■ 183.7250, 13.9396,
9.0112

■ 81.2580, 12.1978,
7.6667

■ 211.7250, 13.9396,
9.0112

■ 58.3180, 11.1822,
6.7371

■ 238.2430, 8.2612,
10.3109

■ 35.9050, 10.8928,
6.2223

■ 13.7420, 11.4662,
8.9963

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 130.7850, 12.9240,
8.0816

■ 130.7850, 12.9240,
8.0816

■ 119.3000, 18.5861,
12.0149

■ 142.2700, 7.2619,
4.1482

■ 108.1030, 24.1062,
14.8187

■ 153.4670, 1.7418,
1.3444

■ 96.6180, 29.7683,
18.7520

■ 164.9520, -3.9203,
-2.5889

■ 84.8340, 35.5778,
22.0706

■ 176.7360, -9.7298,
-5.9075

■ 73.3490, 41.2399,
26.0039

■ 187.6340,
-15.1026, -9.3260

■ 62.4510, 46.6127,
29.4225

■ 199.1190,
-20.7647, -13.2594

■ 50.6670, 52.4222,
32.7410

■ 210.9030,
-26.5742, -16.5779

■ 42.7150, 56.3425,
35.3299

■ 222.3880,
-32.2363, -20.5113

■ 229.4760,
-35.7307, -19.7115

Harmonies

Analogous

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



128.0320, 18.2252, -12.3061



130.7850, 12.9240, 8.0816



131.4080, 4.7289, 23.3212

Triad

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



130.7850, 12.9240, 8.0816



128.5500, -17.5261, 21.4427



119.4080, 7.6869, -38.9458

Complementary

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



130.7850, 12.9240, 8.0816



147.2150, -12.9240, -8.0816

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.



121.6240, -3.2656, -25.9802



130.7850, 12.9240, 8.0816



126.4620, -17.4828, 7.4878

Square

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



130.7850, 12.9240, 8.0816



129.5710, -12.6065, 30.1942



124.6170, -12.6292, -9.3111



119.9760, 16.2808, -42.0750

Rectangle

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



130.7850, 12.9240, 8.0816



130.8450, -1.4026, 29.9539



124.6170, -12.6292, -9.3111



119.8060, 4.0396, -35.7869

Sweetspot

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



130.7850, 12.9240, 8.0816



193.6890, 5.0833, 2.9037



135.0830, 10.8051, -12.3508



96.1080, 2.9048, 1.6593



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



130.7850, 12.9240, 8.0816



162.4680, 20.4753, 12.7446



135.7540, 9.9813, 18.6327



73.1080, 2.9048, 1.6593



38.7270, 51.4066, 31.8114



4.1020, 5.3727, 3.4185

Inverse Universe

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



133.7020, 2.1189, 20.4323



167.1210, 3.3913, 32.3429



142.2460, -9.9813, -18.6327



73.8480, 0.5679, 4.5183



50.3950, 8.1863, 81.2146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 130.7850, 12.9240, 8.0816 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 130.7850, 12.9240, 8.0816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

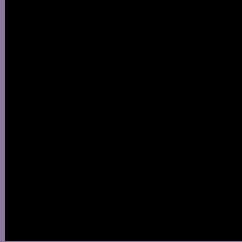
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.7850, 12.9240, 8.0816

Background



This preview shows how black text looks on a background with the YUV color 130.7850, 12.9240, 8.0816.



This preview shows how white text looks on a background with the YUV color 130.7850, 12.9240,

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

130.7850, 12.9240, 8.0816

Protanopia

128.7830, 15.8830, -7.7027

Deuteranopia

129.7190, 12.9565, -2.3846



Tritanopia

129.4290, 2.7465, 5.7628

Trichromacy



Original Color

130.7850, 12.9240, 8.0816

Protanomaly

129.5880, 14.9931, -2.2697

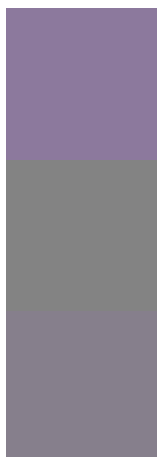
Deuteranomaly

130.0400, 12.7983, 1.7189

Tritanomaly

130.0530, 6.3829, 6.0925

Monochromacy



Original Color

130.7850, 12.9240, 8.0816

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.5750, 4.6465, 3.0037

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7850, 12.9240, 8.0816 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(140, 121, 157)` looks like.

```
.text, #text, p{  
    color:rgb(140, 121, 157)  
}
```

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(140, 121, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 121, 157) }
```

Border

The CSS property to change the border of an element to YUV 130.7850, 12.9240, 8.0816 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(140, 121, 157) }
```


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

```
.border{ border-color:rgb(140, 121, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 121, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 121, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 121, 157);  
box-shadow:4px 4px 4px 4px rgb(140, 121,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 130.7850, 12.9240, 8.0816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 121, 157) }
```

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

```
.background{ background-color: rgb(140,  
121, 157) }
```

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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