

Converting Colors

YUV(113.7950, 17.8491,
15.0888)

Have a look what the booklet for
YUV(113.7950, 17.8491, 15.0888)
contains.

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Color

**YUV(113.7950, 17.8491,
15.0888)**

Conversions

Conversions Part 1

Format	Color
Hex	836296
RGB	131, 98, 150
RGB Percent	51%, 38%, 59%
CMY	0.4863, 0.6157, 0.4118
CMYK	0.13, 0.35, 0.00, 0.41
HSL	278°, 21%, 49%
HSV	278°, 35%, 59%
XYZ	19.2328, 15.7627, 30.8830
YIQ	113.7950, 2.9760, 23.1680

Conversions

Conversions Part 2

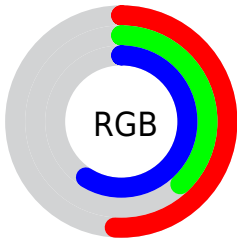
Format	Color
R_{YB}	131, 98, 150
Decimal	8610454
CIE _{Lab}	46.66, 23.45, -23.37
CIE _{LCh}	47, 33.106, 315.099
Yxy	15.7627, 0.2919, 0.2393
Android (android.graphics.Color)	4286800534 (0xFF836296)
YUV	113.7950, 17.8491, 15.0888
Hunter-Lab	39.7022, 16.9911, -18.3281

Details

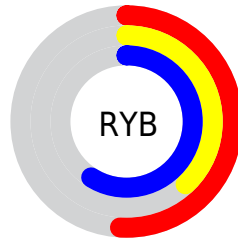
The YUV color **113.7950, 17.8491, 15.0888** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.2050, -17.8491, -15.0888**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0340, 18.7172, 16.6332**, and **65.4420, 16.5441, 13.6444** is the 20% darker color. If you saturate the color by 10%, you get **103.4950, 22.9270, 19.7369**, and if you desaturate by 10%, it is **124.0950, 12.7712, 10.4407**.

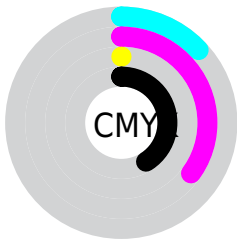
Distribution



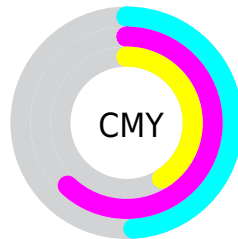
- Red (51%)
- Green (38%)
- Blue (59%)



- Red (51%)
- Yellow (38%)
- Blue (59%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7950, 17.8491, 15.0888 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 113.7950, 17.8491, 15.0888 by changing the saturation by 10% instead.

■ 113.7950, 17.8491,
15.0888

■ 113.7950, 17.8491,
15.0888

■ 255.0000, 0.0000,
0.0000

■ 88.9690, 17.2703,
14.0592

■ 166.0340, 18.7172,
16.6332

■ 65.4420, 16.5441,
13.6444

■ 193.5610, 19.4434,
17.0480

■ 42.6160, 15.9653,
12.6148

■ 220.2900, 17.1120,
18.1627

■ 20.2030, 15.6759,
12.1000

■ 241.4990, 6.6560,
11.8404

■ 4.4310, 13.0985,
-1.2550

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 113.7950, 17.8491,
15.0888

■ 113.7950, 17.8491,
15.0888

■ 103.4950, 22.9270,
19.7369

■ 124.0950, 12.7712,
10.4407

■ 92.8960, 28.1523,
23.7702

■ 134.6940, 7.5459,
6.4074

■ 82.5960, 33.2302,
28.4183

■ 144.9940, 2.4680,
1.7593

■ 71.9970, 38.4555,
32.4516

■ 155.5930, -2.7573,
-2.2741

■ 61.6970, 43.5334,
37.0997

■ 165.8930, -7.8352,
-6.9222

■ 51.0980, 48.7587,
41.1331

■ 176.4920,
-13.0606, -10.9555

■ 45.5050, 51.5160,
43.4071

■ 186.7920,
-18.1385, -15.6036

■ 197.3910,
-23.3638, -19.6369

■ 207.6910,
-28.4417, -24.2850

Harmonies

Analogous

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



109.8880, 26.6772, -16.5648



113.7950, 17.8491, 15.0888



113.5390, 6.1433, 36.3613

Triad

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



113.7950, 17.8491, 15.0888



109.4060, -25.8362, 26.8309



87.5110, 17.9891, -76.7471

Complementary

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



113.7950, 17.8491, 15.0888



134.2050, -17.8491, -15.0888

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.



96.1760, -0.5798, -47.5124



113.7950, 17.8491, 15.0888



106.6870, -25.4817, 6.4135

Square

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



113.7950, 17.8491, 15.0888



110.3290, -18.8962, 40.9305



103.2370, -16.3858, -17.7478



89.1870, 29.4878, -78.2170

Rectangle

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



113.7950, 17.8491, 15.0888



112.5910, -2.7564, 44.2087



103.2370, -16.3858, -17.7478



86.4850, 14.0579, -75.8473

Sweetspot

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



113.7950, 17.8491, 15.0888



180.1670, 6.8197, 5.9925



115.0810, 17.2151, -14.9800



88.7600, 4.0623, 3.7185



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.



113.7950, 17.8491, 15.0888



136.8960, 28.1523, 23.7702



118.6780, 11.9907, 27.4694



68.9940, 2.4680, 1.7593



41.7450, 47.4537, 39.6886



2.9340, 3.4835, 2.6889

Inverse Universe

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



115.7140, 0.6340, 30.0688



139.9380, 1.0166, 47.4124



129.3220, -11.9907, -27.4694



69.3210, -0.1583, 4.1035



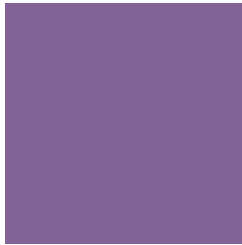
46.9620, 1.4977, 79.8403



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 113.7950, 17.8491, 15.0888 looks on a white 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

Black Background



This preview shows how the YUV color 113.7950, 17.8491, 15.0888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

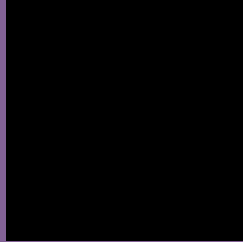
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.7950, 17.8491, 15.0888

Background



This preview shows how black text looks on a background with the YUV color 113.7950, 17.8491, 15.0888.



This preview shows how white text looks on a background with the YUV color 113.7950, 17.8491, 15.0888.

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

113.7950, 17.8491, 15.0888

Protanopia

110.5140, 23.9036, -13.6058

Deuteranopia

111.0540, 18.2144, -8.8174



Tritanopia

112.0060, 0.9830, 11.3957

Trichromacy



Original Color

113.7950, 17.8491, 15.0888

Protanomaly

111.7110, 21.8345, -3.2545

Deuteranomaly

112.1090, 18.1873, -0.0956

Tritanomaly

112.3250, 7.2348, 12.8700

Monochromacy



Original Color

113.7950, 17.8491, 15.0888

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7540, 6.5303, 5.4777

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7950, 17.8491, 15.0888 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(131, 98, 150)` looks like.

```
.text, #text, p{  
    color:rgb(131, 98, 150)  
}
```

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(131, 98, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 98, 150) }
```

Border

The CSS property to change the border of an element to YUV 113.7950, 17.8491, 15.0888 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(131, 98, 150) }
```


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

```
.border{ border-color:rgb(131, 98, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 98, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 98, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 98, 150); box-shadow:4px 4px 4px 4px rgb(131, 98, 150) }
```

Background

The CSS property to change the background color of an element to YUV 113.7950, 17.8491, 15.0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 98, 150) }
```

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

```
.background{ background-color: rgb(131, 98,  
150) }
```

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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