

Converting Colors

YUV(147.7530, 14.9118,
23.8956)

Have a look what the booklet for
YUV(147.7530, 14.9118, 23.8956)
contains.

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Color

**YUV(147.7530, 14.9118,
23.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	AF80B2
RGB	175, 128, 178
RGB Percent	69%, 50%, 70%
CMY	0.3137, 0.4980, 0.3020
CMYK	0.02, 0.28, 0.00, 0.30
HSL	296°, 25%, 60%
HSV	296°, 28%, 70%
XYZ	33.4342, 27.7667, 45.7168
YIQ	147.7530, 11.9620, 25.5140

Conversions

Conversions Part 2

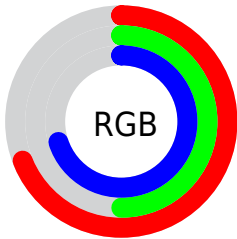
Format	Color
RYB	175, 128, 178
Decimal	11501746
CIELab	59.68, 26.76, -19.28
CIELCh	60, 32.985, 324.224
Yxy	27.7667, 0.3127, 0.2597
Android (android.graphics.Color)	4289691826 (0xFFAF80B2)
YUV	147.7530, 14.9118, 23.8956
Hunter-Lab	52.6941, 21.0431, -14.5535

Details

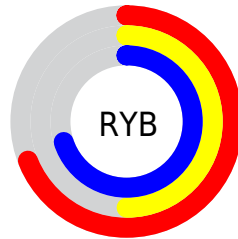
The YUV color **147.7530, 14.9118, 23.8956** is a light color, and the websafe version is hex **996699**. A complement of this color would be **158.2470, -14.9118, -23.8956**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9920, 15.7799, 25.4400**, and **96.5140, 14.0436, 22.3512** is the 20% darker color. If you saturate the color by 10%, you get **136.8880, 20.2682, 32.5472**, and if you desaturate by 10%, it is **158.6180, 9.5553, 15.2440**.

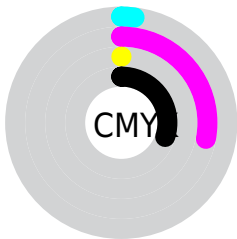
Distribution



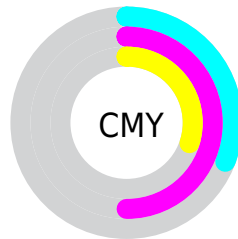
- Red (69%)
- Green (50%)
- Blue (70%)



- Red (69%)
- Yellow (50%)
- Blue (70%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (30%)





- Cyan (31%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.7530, 14.9118, 23.8956 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 147.7530, 14.9118, 23.8956 by changing the saturation by 10% instead.


 147.7530, 14.9118,
23.8956


 147.7530, 14.9118,
23.8956


255.0000, 0.0000,
0.0000


 121.9270, 14.3330,
22.8660


 201.9920, 15.7799,
25.4400

 96.5140, 14.0436,
22.3512


 227.9980, 13.3120,
23.6808

 71.8020, 13.9016,
21.2216

 245.0210, 4.9196,
8.7516

 48.9760, 13.3228,
20.1920

 25.6770, 13.4702,
19.5773

 12.6180, 9.5553,
15.2440

 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 147.7530, 14.9118,
23.8956

■ 147.7530, 14.9118,
23.8956

■ 136.8880, 20.2682,
32.5472

■ 158.6180, 9.5553,
15.2440

■ 126.0230, 25.6247,
41.1988

■ 169.4830, 4.1989,
6.5924

■ 115.7450, 30.6917,
49.3356

■ 179.7610, -0.8682,
-1.5444

■ 104.8800, 36.0482,
57.9872

■ 190.6260, -6.2246,
-10.1960

■ 94.0150, 41.4046,
66.6388

■ 201.4910,
-11.5811, -18.8476

■ 83.1500, 46.7610,
75.2904

■ 212.3560,
-16.9375, -27.4992

■ 72.2850, 52.1175,
83.9421

■ 223.2210,
-22.2940, -36.1508

■ 70.2250, 53.1331,
84.8717

■ 224.9930,
-23.1675, -35.9509

■ 225.2920,
-23.3150, -35.3361

Harmonies

Analogous

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



145.0250, 25.6237, -5.2839



147.7530, 14.9118, 23.8956



147.4320, 1.7590, 42.5941

Triad

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



147.7530, 14.9118, 23.8956



142.2160, -27.7145, 22.6126



120.1450, 23.0995, -82.5652

Complementary

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



147.7530, 14.9118, 23.8956



158.2470, -14.9118, -23.8956

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.



128.9840, 3.9519, -54.3600



147.7530, 14.9118, 23.8956



139.2840, -24.2970, -0.2491

Square

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



147.7530, 14.9118, 23.8956



144.2920, -22.8220, 40.0859



135.3930, -13.0117, -26.6547



124.9040, 32.0923, -73.5838

Rectangle

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



147.7530, 14.9118, 23.8956



146.0600, -7.4246, 48.1824



135.3930, -13.0117, -26.6547



122.8920, 16.8152, -73.5733

Sweetspot

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



147.7530, 14.9118, 23.8956



220.5480, 5.6458, 9.1664



135.4610, 20.9717, -6.5433



110.5430, 3.1833, 5.6628



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



147.7530, 14.9118, 23.8956



184.1320, 23.5989, 37.5952



146.1420, 4.8600, 27.9395



83.7170, 2.6045, 4.6332



60.4980, 45.6035, 73.2313



10.1400, 7.8190, 12.1552

Inverse Universe

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



143.2920, -6.0600, 30.4389



177.1910, -9.4612, 48.0675



159.8580, -4.8600, -27.9395



82.8050, -0.8899, 5.4330



46.7730, -18.6221, 93.1611



8.0020, -2.9590, 15.7842

Previews

White Background



This preview shows how the YUV color 147.7530, 14.9118, 23.8956 looks on a white background.

Color Contrast Check

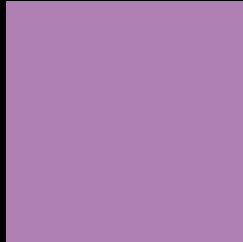
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.7530, 14.9118, 23.8956 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 147.7530, 14.9118, 23.8956

Background



This preview shows how black text looks on a background with the YUV color 147.7530, 14.9118, 23.8956.



This preview shows how white text looks on a background with the YUV color 147.7530, 14.9118,

23.8956.

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

147.7530, 14.9118, 23.8956

Protanopia

144.2540, 21.5668, -10.7468

Deuteranopia

145.2890, 15.1405, -2.8845



Tritanopia

146.0180, -0.5019, 21.0322

Trichromacy



Original Color

147.7530, 14.9118, 23.8956

Protanomaly

145.6470, 18.9080, 2.0636

Deuteranomaly

146.0560, 15.2554, 6.9669

Tritanomaly

146.8100, 5.0237, 22.0916

Monochromacy



Original Color

147.7530, 14.9118, 23.8956

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.1350, 5.3564, 8.6516

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7530, 14.9118, 23.8956 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(175, 128, 178)` looks like.

```
.text, #text, p{  
    color:rgb(175, 128, 178)  
}
```

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(175, 128, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 128, 178) }
```

Border

The CSS property to change the border of an element to YUV 147.7530, 14.9118, 23.8956 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(175, 128, 178) }
```


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

```
.border{ border-color:rgb(175, 128, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 128, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 128, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 128, 178);  
box-shadow:4px 4px 4px 4px rgb(175, 128,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 147.7530, 14.9118, 23.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 128, 178) }
```

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

```
.background{ background-color: rgb(175,  
128, 178) }
```

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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