

Converting Colors

YUV(113.4850, 18.0019,
12.7297)

Have a look what the booklet for
YUV(113.4850, 18.0019, 12.7297)
contains.

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Color

**YUV(113.4850, 18.0019,
12.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	806396
RGB	128, 99, 150
RGB Percent	50%, 39%, 59%
CMY	0.4980, 0.6118, 0.4118
CMYK	0.15, 0.34, 0.00, 0.41
HSL	274°, 20%, 49%
HSV	274°, 34%, 59%
XYZ	18.8689, 15.7149, 30.8929
YIQ	113.4850, 0.9130, 22.0090

Conversions

Conversions Part 2

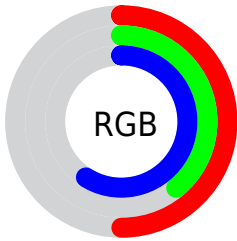
Format	Color
R_{YB}	128, 99, 150
Decimal	8414102
CIE _{Lab}	46.60, 21.86, -23.49
CIE _{LCh}	47, 32.090, 312.939
Yxy	15.7149, 0.2882, 0.2400
Android (android.graphics.Color)	4286604182 (0xFF806396)
YUV	113.4850, 18.0019, 12.7297
Hunter-Lab	39.6420, 15.5896, -18.4552

Details

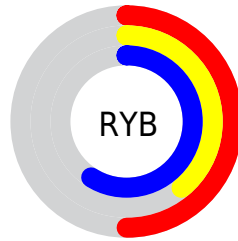
The YUV color **113.4850, 18.0019, 12.7297** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.5150, -18.0019, -12.7297**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4250, 19.0175, 13.6593**, and **65.1320, 16.6969, 11.2852** is the 20% darker color. If you saturate the color by 10%, you get **102.8860, 23.2272, 16.7630**, and if you desaturate by 10%, it is **124.0840, 12.7766, 8.6963**.

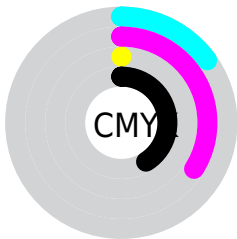
Distribution



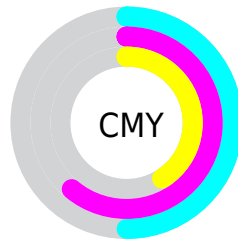
- Red (50%)
- Green (39%)
- Blue (59%)



- Red (50%)
- Yellow (39%)
- Blue (59%)



- Cyan (15%)
- Magenta (34%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (61%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4850, 18.0019, 12.7297 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 113.4850, 18.0019, 12.7297 by changing the saturation by 10% instead.

■ 113.4850, 18.0019,
12.7297

■ 113.4850, 18.0019,
12.7297

■ 255.0000, 0.0000,
0.0000

■ 88.6590, 17.4231,
11.7001

■ 165.4250, 19.0175,
13.6593

■ 65.1320, 16.6969,
11.2852

■ 192.9520, 19.7437,
14.0741

■ 42.3060, 16.1181,
10.2556

■ 219.9800, 17.2649,
15.8035

■ 19.8930, 15.8288,
9.7408

■ 242.0860, 6.3666,
11.3256

■ 3.5340, 13.5407,
-3.0993

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,

0.0000

■ 113.4850, 18.0019,
12.7297

■ 113.4850, 18.0019,
12.7297

■ 102.8860, 23.2272,
16.7630

■ 124.0840, 12.7766,
8.6963

■ 91.9880, 28.5999,
20.1815

■ 134.9820, 7.4039,
5.2778

■ 81.3890, 33.8252,
24.2148

■ 145.5810, 2.1786,
1.2445

■ 70.4910, 39.1979,
27.6334

■ 156.4790, -3.1941,
-2.1741

■ 59.8920, 44.4232,
31.6667

■ 167.0780, -8.4195,
-6.2074

■ 48.9940, 49.7960,
35.0853

■ 177.9760,
-13.7922, -9.6260

■ 42.5150, 52.9901,
37.2593

■ 188.5750,
-19.0175, -13.6593

■ 199.4730,
-24.3902, -17.0778

■ 210.0720,
-29.6155, -21.1111

Harmonies

Analogous

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



109.1760, 26.5352, -17.6944



113.4850, 18.0019, 12.7297



113.6420, 6.5855, 34.5170

Triad

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



113.4850, 18.0019, 12.7297



109.0470, -24.6732, 27.1458



87.2830, 17.1155, -76.5472

Complementary

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



113.4850, 18.0019, 12.7297



135.5150, -18.0019, -12.7297

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.



97.5680, -1.7590, -42.5941



113.4850, 18.0019, 12.7297



107.5130, -24.9029, 7.4431

Square

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



113.4850, 18.0019, 12.7297



110.6710, -17.5858, 40.6305



103.5470, -16.5387, -15.3887



88.8450, 28.1774, -77.9171

Rectangle

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



113.4850, 18.0019, 12.7297



112.8080, -1.8773, 42.2644



103.5470, -16.5387, -15.3887



85.8550, 12.8895, -74.4178

Sweetspot

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



113.4850, 18.0019, 12.7297



179.5690, 7.1145, 4.7630



117.7280, 15.9101, -16.4245



88.4610, 4.2097, 3.1037



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.



113.4850, 18.0019, 12.7297



136.8740, 28.1631, 20.2815



119.7210, 13.4485, 26.5547



68.9940, 2.4680, 1.7593



39.0540, 48.7804, 34.1556



2.9340, 3.4835, 2.6889

Inverse Universe

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



116.7570, 2.0918, 29.1541



141.9100, 3.4954, 45.6829



129.2790, -13.4485, -26.5547



69.4350, 0.2785, 4.0035



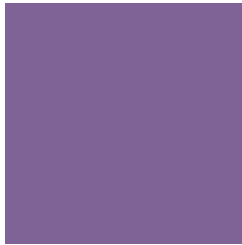
47.9880, 5.4289, 78.9405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 113.4850, 18.0019, 12.7297 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 113.4850, 18.0019, 12.7297 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 113.4850, 18.0019, 12.7297

Background



This preview shows how black text looks on a background with the YUV color 113.4850, 18.0019, 12.7297.



This preview shows how white text looks on a background with the YUV color 113.4850, 18.0019,

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

113.4850, 18.0019, 12.7297

Protanopia

110.4000, 23.4668, -13.5058

Deuteranopia

111.0540, 18.2144, -8.8174



Tritanopia

111.6960, 1.1359, 9.0366

Trichromacy



Original Color

113.4850, 18.0019, 12.7297

Protanomaly

111.2980, 21.5451, -3.7693

Deuteranomaly

111.8100, 18.3347, -0.7104

Tritanomaly

112.0150, 7.3876, 10.5108

Monochromacy



Original Color

113.4850, 18.0019, 12.7297

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4850, 18.0019, 12.7297 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(128, 99, 150)` looks like.

```
.text, #text, p{  
    color:rgb(128, 99, 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(128, 99, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 99, 150) }
```

Border

The CSS property to change the border of an element to YUV 113.4850, 18.0019, 12.7297 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(128, 99, 150) }
```


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

```
.border{ border-color:rgb(128, 99, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 99, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 99, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 99, 150); box-shadow:4px 4px 4px 4px rgb(128, 99, 150) }
```

Background

The CSS property to change the background color of an element to YUV 113.4850, 18.0019, 12.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 99, 150) }
```

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

```
.background{ background-color: rgb(128, 99,  
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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