

Converting Colors

YUV(116.8080, 14.8847,
32.6174)

Have a look what the booklet for
YUV(116.8080, 14.8847, 32.6174)
contains.

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Color

**YUV(116.8080, 14.8847,
32.6174)**

Conversions

Conversions Part 1

Format	Color
Hex	9A5C93
RGB	154, 92, 147
RGB Percent	60%, 36%, 58%
CMY	0.3961, 0.6392, 0.4235
CMYK	0.00, 0.40, 0.05, 0.40
HSL	307°, 25%, 48%
HSV	307°, 40%, 60%
XYZ	22.4200, 16.6309, 29.6322
YIQ	116.8080, 19.2970, 30.2490

Conversions

Conversions Part 2

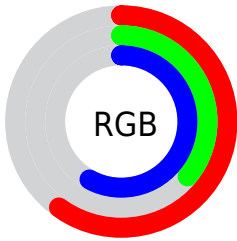
Format	Color
RYB	154, 92, 147
Decimal	10116243
CIELab	47.79, 33.97, -19.62
CIELCh	48, 39.233, 329.990
Yxy	16.6309, 0.3264, 0.2421
Android (android.graphics.Color)	4288306323 (0xFF9A5C93)
YUV	116.8080, 14.8847, 32.6174
Hunter-Lab	40.7810, 26.7666, -14.5344

Details

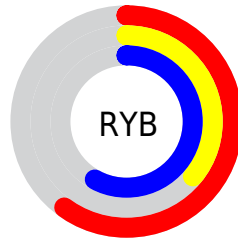
The YUV color **116.8080, 14.8847, 32.6174** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.1920, -14.8847, -32.6174**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2320, 15.1686, 34.8765**, and **66.3840, 14.6007, 30.3582** is the 20% darker color. If you saturate the color by 10%, you get **107.7750, 18.3519, 40.5393**, and if you desaturate by 10%, it is **125.8410, 11.4174, 24.6954**.

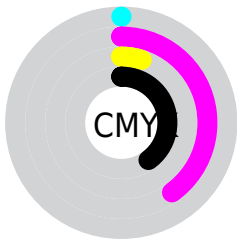
Distribution



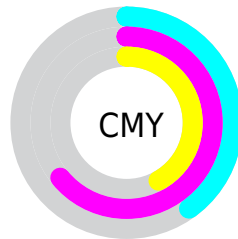
- Red (60%)
- Green (36%)
- Blue (58%)



- Red (60%)
- Yellow (36%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (5%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8080, 14.8847, 32.6174 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 116.8080, 14.8847, 32.6174 by changing the saturation by 10% instead.

■ 116.8080, 14.8847,
32.6174

■ 116.8080, 14.8847,
32.6174

■ 255.0000, 0.0000,
0.0000

■ 91.0960, 14.7427,
31.4878

■ 170.2320, 15.1686,
34.8765

■ 66.3840, 14.6007,
30.3582

■ 197.6450, 15.4580,
35.3913

■ 42.0850, 14.7481,
29.7435

■ 221.5410, 16.4953,
29.3435

■ 21.2480, 14.1747,
26.9695

■ 238.5640, 8.1029,
14.4144

■ 12.5750, 8.0975,
16.1587

■ 0.0000, 0.0000,
0.0000

116.8080, 14.8847,
32.6174

116.8080, 14.8847,
32.6174

107.7750, 18.3519,
40.5393

125.8410, 11.4174,
24.6954

98.2690, 22.5454,
48.8761

135.3470, 7.2239,
16.3587

89.2360, 26.0127,
56.7980

144.3800, 3.7567,
8.4367

79.6160, 29.7693,
65.2348

154.0000, 0.0000,
0.0000

70.5830, 33.2366,
73.1567

163.0330, -3.4673,
-7.9219


61.6640, 37.1406,
80.9787

171.9520, -7.3713,
-15.7439

181.5720,
-11.1280, -24.1806

190.6050,

-14.5953, -32.1026

 200.2250,
-18.3519, -40.5393

Harmonies

Analogous

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



115.5140, 27.3546, -0.4508



116.8080, 14.8847, 32.6174



114.7320, 0.1321, 51.1010

Triad

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



116.8080, 14.8847, 32.6174



110.3420, -32.2136, 18.9941



92.2530, 26.0043, -80.9059

Complementary

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



116.8080, 14.8847, 32.6174



129.1920, -14.8847, -32.6174

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.



89.0780, 11.3005, -78.1214



116.8080, 14.8847, 32.6174



106.7840, -26.0225, -6.8266

Square

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



116.8080, 14.8847, 32.6174



112.6250, -27.9161, 40.6709



100.2990, -10.5004, -38.8502



92.7550, 38.0818, -81.3461

Rectangle

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



116.8080, 14.8847, 32.6174



113.4090, -10.0616, 54.0153



100.2990, -10.5004, -38.8502



91.7000, 21.3469, -80.4209

Sweetspot

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



116.8080, 14.8847, 32.6174



186.6840, 6.0718, 12.5551



100.8620, 26.1970, -2.5100



93.5540, 3.1779, 7.4071



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.



116.8080, 14.8847, 32.6174



143.5080, 23.4136, 50.4205



113.3880, 1.7807, 35.6167



72.1900, 1.8783, 4.2184



55.9960, 33.5260, 73.6715



5.1410, 2.8885, 6.8923

Inverse Universe

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



116.8080, 14.8847, 32.6174



143.5080, 23.4136, 50.4205



132.6120, -1.7807, -35.6167



72.1900, 1.8783, 4.2184



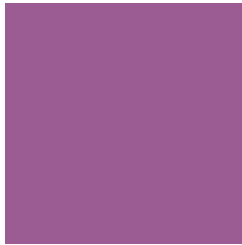
55.9960, 33.5260, 73.6715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 116.8080, 14.8847, 32.6174 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 116.8080, 14.8847, 32.6174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

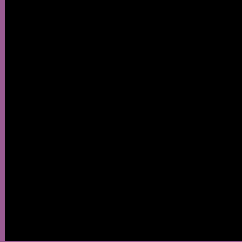
Any Text WCAG AA × Fail

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 116.8080, 14.8847, 32.6174 Background



This preview shows how black text looks on a background with the YUV color 116.8080, 14.8847, 32.6174.



This preview shows how white text looks on a background with the YUV color 116.8080, 14.8847,

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

116.8080, 14.8847, 32.6174

Protanopia

113.5140, 23.9036, -13.6058

Deuteranopia

114.6370, 13.9830, -4.9436



Tritanopia

115.5630, -3.7286, 29.3242

Trichromacy



Original Color

116.8080, 14.8847, 32.6174

Protanomaly

114.8150, 20.7972, 2.7932

Deuteranomaly

115.4260, 14.0870, 8.3964

Tritanomaly

115.9960, 2.9600, 30.6985

Monochromacy



Original Color

116.8080, 14.8847, 32.6174

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8580, 5.4930, 11.5255

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8080, 14.8847, 32.6174 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(154, 92, 147)` looks like.

```
.text, #text, p{  
    color:rgb(154, 92, 147)  
}
```

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(154, 92, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 92, 147) }
```

Border

The CSS property to change the border of an element to YUV 116.8080, 14.8847, 32.6174 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(154, 92, 147) }
```


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

```
.border{ border-color:rgb(154, 92, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 92, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 92, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 92, 147);  
box-shadow:4px 4px 4px 4px rgb(154, 92,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 116.8080, 14.8847, 32.6174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 92, 147) }
```

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

```
.background{ background-color: rgb(154, 92,  
147) }
```

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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