

Converting Colors

YUV(115.4980, -5.1755,
26.7503)

Have a look what the booklet for
YUV(115.4980, -5.1755, 26.7503)
contains.

YUV(115.4980, -5.1755, 26.7503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(115.4980, -5.1755,
26.7503)**

Conversions

Conversions Part 1

Format	Color
Hex	926669
RGB	146, 102, 105
RGB Percent	57%, 40%, 41%
CMY	0.4275, 0.6000, 0.5882
CMYK	0.00, 0.30, 0.28, 0.43
HSL	356°, 18%, 49%
HSV	356°, 30%, 57%
XYZ	19.1552, 16.6337, 15.5656
YIQ	115.4980, 25.2610, 10.2610

Conversions

Conversions Part 2

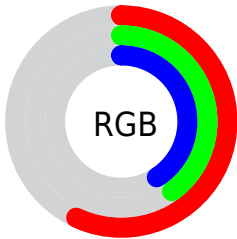
Format	Color
R_{YB}	146, 102, 105
Decimal	9594473
CIE _{Lab}	47.80, 18.17, 5.42
CIE _{LCh}	48, 18.959, 16.598
Yxy	16.6337, 0.3730, 0.3239
Android (android.graphics.Color)	4287784553 (0xFF926669)
YUV	115.4980, -5.1755, 26.7503
Hunter-Lab	40.7844, 12.4636, 5.9206

Details

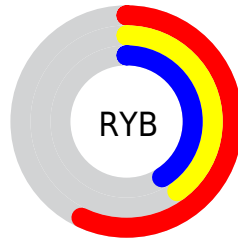
The YUV color **115.4980, -5.1755, 26.7503** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **132.5020, 5.1755, -26.7503**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6940, -5.7651, 29.2094**, and **67.0030, -4.4385, 23.6764** is the 20% darker color. If you saturate the color by 10%, you get **105.0970, -6.9498, 35.8719**, and if you desaturate by 10%, it is **125.8990, -3.4012, 17.6286**.

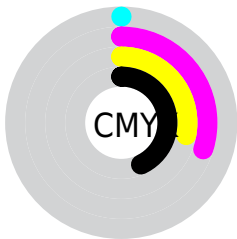
Distribution



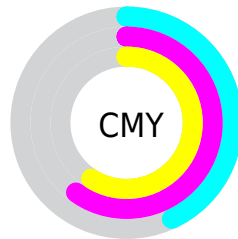
- Red (57%)
- Green (40%)
- Blue (41%)



- Red (57%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (43%)



- Cyan (43%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.4980, -5.1755, 26.7503 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 115.4980, -5.1755, 26.7503 by changing the saturation by 10% instead.

 115.4980, -5.1755,
26.7503


 115.4980, -5.1755,
26.7503


255.0000, 0.0000,
0.0000

 90.9000, -4.8807,
25.5207


 167.6940, -5.7651,
29.2094


 67.0030, -4.4385,
23.6764


 194.9930, -5.9125,
29.8241


 43.5190, -3.7069,
22.3468

 222.3950, -5.6177,
28.5946

 21.9210, -3.4121,
21.1173

 242.0230, -1.4903,
11.3808

 5.9800, -2.9481,
12.2955

 0.0000, 0.0000,
0.0000

■ 115.4980, -5.1755,
26.7503

■ 115.4980, -5.1755,
26.7503

■ 105.0970, -6.9498,
35.8719

■ 125.8990, -3.4012,
17.6286

■ 95.3970, -8.5767,
44.3788

■ 135.5990, -1.7743,
9.1217

■ 84.9960, -10.3510,
53.5005

■ 146.0000, 0.0000,
0.0000

■ 75.2960, -11.9779,
62.0074

■ 155.7000, 1.6269,
-8.5069

■ 64.8950, -13.7522,
71.1291

■ 166.1010, 3.4012,
-17.6286

■ 54.4940, -15.5265,
80.2508

■ 176.5020, 5.1755,
-26.7503

■ 44.7940, -17.1534,
88.7577

■ 186.2020, 6.8024,
-35.2572

■ 196.6030, 8.5767,

-44.3788

■ 206.3030, 10.2036,
-52.8857

Harmonies

Analogous

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



116.4140, 2.2609, 21.5619



115.4980, -5.1755, 26.7503



114.4670, -11.5692, 24.1464

Triad

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



115.4980, -5.1755, 26.7503



109.5290, -9.1348, -10.1109



110.2110, 16.6580, -22.9870

Complementary

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



115.4980, -5.1755, 26.7503



132.5020, 5.1755, -26.7503

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.



106.8630, 14.3645, -34.0829



115.4980, -5.1755, 26.7503



107.5040, -1.2345, -24.1210

Square

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



115.4980, -5.1755, 26.7503



111.6510, -14.1249, 3.8141



105.8540, 7.9600, -33.1980



113.8540, 14.8620, -6.8880

Rectangle

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



115.4980, -5.1755, 26.7503



113.7500, -14.1738, 19.5132



105.8540, 7.9600, -33.1980



108.7760, 16.3794, -26.9906

Sweetspot

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



115.4980, -5.1755, 26.7503



177.1970, -2.0691, 10.3512



118.9760, 13.3228, 20.1920



87.1040, -1.0373, 6.0478



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



115.4980, -5.1755, 26.7503



141.7880, -8.2765, 41.4049



125.7220, -11.6949, 17.7838



69.0930, -1.0318, 4.3034



42.2880, -16.4110, 83.9394



3.1040, -1.0373, 6.0478

Inverse Universe

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



115.4980, -5.1755, 26.7503



141.7880, -8.2765, 41.4049



122.2780, 11.6949, -17.7838



69.0930, -1.0318, 4.3034



42.2880, -16.4110, 83.9394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 115.4980, -5.1755, 26.7503 looks on a white background.

Color Contrast Check

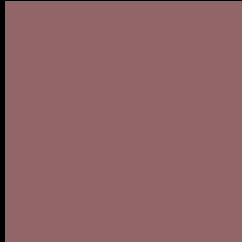
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.4980, -5.1755, 26.7503 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 115.4980, -5.1755, 26.7503

Background



This preview shows how black text looks on a background with the YUV color 115.4980, -5.1755, 26.7503.



This preview shows how white text looks on a background with the YUV color 115.4980, -5.1755,

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

115.4980, -5.1755, 26.7503

Protanopia

113.6690, -1.3158, 2.0443

Deuteranopia

114.6980, -5.2741, 11.6659



Tritanopia

115.3670, -3.1389, 26.8651

Trichromacy



Original Color

115.4980, -5.1755, 26.7503

Protanomaly

114.3820, -2.6533, 11.0660

Deuteranomaly

115.0300, -5.4378, 17.5137

Tritanomaly

115.2530, -3.5757, 26.9651

Monochromacy



Original Color

115.4980, -5.1755, 26.7503

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8980, -1.9217, 9.7365

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4980, -5.1755, 26.7503 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(146, 102, 105)` looks like.

```
.text, #text, p{  
    color:rgb(146, 102, 105)  
}
```

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(146, 102, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 102, 105) }
```

Border

The CSS property to change the border of an element to YUV 115.4980, -5.1755, 26.7503 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(146, 102, 105) }
```


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

```
.border{ border-color:rgb(146, 102, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 102, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 102, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 102, 105);  
box-shadow:4px 4px 4px 4px rgb(146, 102,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 115.4980, -5.1755, 26.7503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 102, 105) }
```

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

```
.background{ background-color: rgb(146,  
102, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor