

Converting Colors

YUV(117.8120, -1.3863,
24.7209)

Have a look what the booklet for
YUV(117.8120, -1.3863, 24.7209)
contains.

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Color

**YUV(117.8120, -1.3863,
24.7209)**

Conversions

Conversions Part 1

Format	Color
Hex	926873
RGB	146, 104, 115
RGB Percent	57%, 41%, 45%
CMY	0.4275, 0.5922, 0.5490
CMYK	0.00, 0.29, 0.21, 0.43
HSL	344°, 17%, 49%
HSV	344°, 29%, 57%
XYZ	19.8989, 17.2494, 18.5003
YIQ	117.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

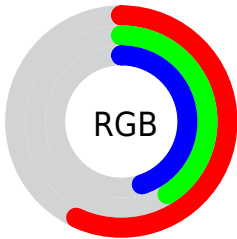
Format	Color
RYB	146, 104, 115
Decimal	9594995
CIELab	48.57, 18.56, 0.56
CIElCh	49, 18.571, 1.724
Yxy	17.2494, 0.3576, 0.3100
Android (android.graphics.Color)	4287785075 (0xFF926873)
YUV	117.8120, -1.3863, 24.7209
Hunter-Lab	41.5324, 12.8406, 2.6624

Details

The YUV color **117.8120, -1.3863, 24.7209** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **132.1880, 1.3863, -24.7209**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1220, -1.5391, 27.0800**, and **68.6160, -0.7967, 22.2618** is the 20% darker color. If you saturate the color by 10%, you get **107.7530, -1.8502, 33.5426**, and if you desaturate by 10%, it is **127.8710, -0.9224, 15.8991**.

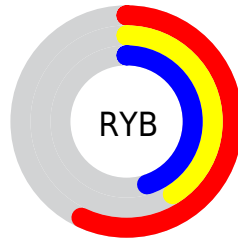
Distribution



Red (57%)

Green (41%)

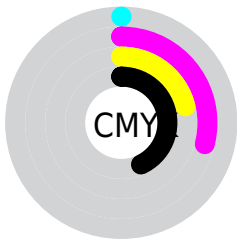
Blue (45%)



Red (57%)

Yellow (41%)

Blue (45%)

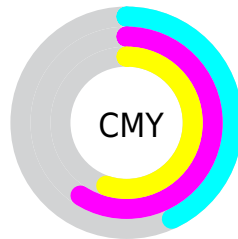


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (43%)



Cyan (43%)

Magenta (59%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8120, -1.3863, 24.7209 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 117.8120, -1.3863, 24.7209 by changing the saturation by 10% instead.

■ 117.8120, -1.3863,
24.7209

■ 117.8120, -1.3863,
24.7209

■ 255.0000, 0.0000,
0.0000

■ 93.1000, -1.5283,
23.5913

■ 170.1220, -1.5391,
27.0800

■ 68.6160, -0.7967,
22.2618

■ 197.4210, -1.6866,
27.6948

■ 46.0180, -0.5019,
21.0322

■ 224.8230, -1.3917,
26.4652

■ 24.4200, -0.2071,
19.8027

■ 245.0380, 2.4463,
8.7367

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 117.8120, -1.3863,
24.7209

■ 117.8120, -1.3863,
24.7209

■ 107.7530, -1.8502,
33.5426

■ 127.8710, -0.9224,
15.8991

■ 98.2810, -2.6035,
41.8496

■ 137.3430, -0.1691,
7.5922

■ 88.3360, -2.6306,
50.5713

■ 147.2880, -0.1420,
-1.1296

■ 78.8640, -3.3840,
58.8783

■ 156.7600, 0.6113,
-9.4365

■ 68.8050, -3.8479,
67.7000

■ 166.8190, 1.0752,
-18.2583

■ 58.7460, -4.3118,
76.5218

■ 176.8780, 1.5391,
-27.0800

■ 49.3880, -4.6283,
84.7287


■ 186.2360, 1.8557,
-35.2870

■ 47.9860, -4.9231,

■ 196.2950, 2.3196,

85.9583

-44.1087

 205.7670, 3.0729,
-52.4157

Harmonies

Analogous

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



117.7060, 6.0609, 16.0438



117.8120, -1.3863, 24.7209



116.9880, -8.3751, 26.3205

Triad

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



117.8120, -1.3863, 24.7209



112.4760, -12.0667, -3.0485



110.6510, 15.9481, -28.6349

Complementary

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



117.8120, -1.3863, 24.7209



132.1880, 1.3863, -24.7209

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.



108.3530, 11.1650, -34.5126



117.8120, -1.3863, 24.7209



110.8100, -5.3293, -17.3734

Square

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



117.8120, -1.3863, 24.7209



114.7550, -15.1622, 9.8619



108.7360, 3.5812, -28.7095



113.7390, 15.9047, -14.6801

Rectangle

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



117.8120, -1.3863, 24.7209



116.5270, -12.5848, 23.2168



108.7360, 3.5812, -28.7095



109.2870, 14.6485, -31.8237

Sweetspot

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



117.8120, -1.3863, 24.7209



177.5390, -0.7587, 10.0513



118.0570, 13.7759, 14.8590



87.3320, -0.1637, 5.8478



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.



117.8120, -1.3863, 24.7209



144.6720, -2.3033, 38.8757



122.4280, -9.0850, 20.6726



69.2070, -0.5951, 4.2035



45.3660, -4.6174, 81.2400



3.3320, -0.1637, 5.8478

Inverse Universe

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



117.8120, -1.3863, 24.7209



144.6720, -2.3033, 38.8757



127.5720, 9.0850, -20.6726



69.2070, -0.5951, 4.2035



45.3660, -4.6174, 81.2400



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 117.8120, -1.3863, 24.7209 looks on a white background.

Color Contrast Check

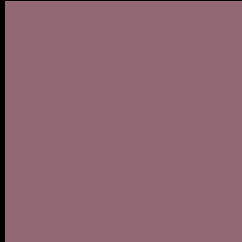
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.8120, -1.3863, 24.7209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

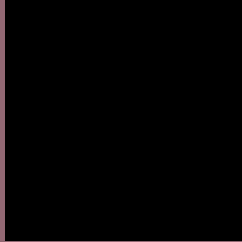
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.8120, -1.3863, 24.7209

Background



This preview shows how black text looks on a background with the YUV color 117.8120, -1.3863, 24.7209.



This preview shows how white text looks on a background with the YUV color 117.8120, -1.3863,

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

117.8120, -1.3863, 24.7209

Protanopia

115.9830, 2.4734, 0.0149

Deuteranopia

117.0120, -1.4849, 9.6365



Tritanopia

117.4700, -2.6967, 25.0208

Trichromacy



Original Color

117.8120, -1.3863, 24.7209

Protanomaly

116.6960, 1.1359, 9.0366

Deuteranomaly

117.3440, -1.6486, 15.4843

Tritanomaly

117.5840, -2.2599, 24.9208

Monochromacy



Original Color

117.8120, -1.3863, 24.7209

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9410, -0.4639, 8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8120, -1.3863, 24.7209 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, 104, 115)` looks like.

```
.text, #text, p{  
    color:rgb(146, 104, 115)  
}
```

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, 104, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 104, 115) }
```

Border

The CSS property to change the border of an element to YUV 117.8120, -1.3863, 24.7209 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, 104, 115) }
```


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

```
.border{ border-color:rgb(146, 104, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 104, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 104, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 104, 115);  
box-shadow:4px 4px 4px 4px rgb(146, 104,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 117.8120, -1.3863, 24.7209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 104, 115) }
```

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

```
.background{ background-color: rgb(146,  
104, 115) }
```

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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