

Converting Colors

YUV(117.9880, 41.9109,
-2.6205)

Have a look what the booklet for
YUV(117.9880, 41.9109, -2.6205)
contains.

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Color

**YUV(117.9880, 41.9109,
-2.6205)**

Conversions

Conversions Part 1

Format	Color
Hex	7367CB
RGB	115, 103, 203
RGB Percent	45%, 40%, 80%
CMY	0.5490, 0.5961, 0.2039
CMYK	0.43, 0.49, 0.00, 0.20
HSL	247°, 49%, 60%
HSV	247°, 49%, 80%
XYZ	22.7000, 17.6571, 58.7117
YIQ	117.9880, -24.9480, 33.6440

Conversions

Conversions Part 2

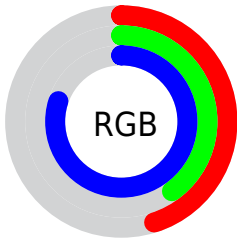
Format	Color
R_{YB}	115, 103, 203
Decimal	7563211
CIE _{Lab}	49.08, 29.71, -50.58
CIE _{LCh}	49, 58.664, 300.428
Yxy	17.6571, 0.2291, 0.1782
Android (android.graphics.Color)	4285753291 (0xFF7367CB)
YUV	117.9880, 41.9109, -2.6205
Hunter-Lab	42.0204, 22.8924, -53.4268

Details

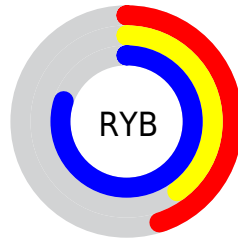
The YUV color **117.9880, 41.9109, -2.6205** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **188.0120, -41.9109, 2.6205**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5970, 41.6107, 0.3534**, and **67.3850, 39.7432, -7.3536** is the 20% darker color. If you saturate the color by 10%, you get **100.8660, 50.3521, -3.3905**, and if you desaturate by 10%, it is **135.1100, 33.4698, -1.8505**.

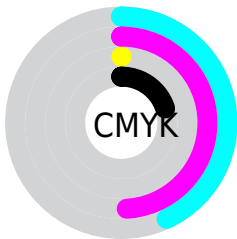
Distribution



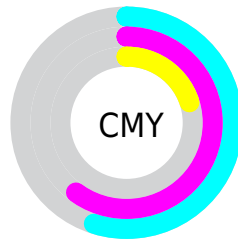
- Red (45%)
- Green (40%)
- Blue (80%)



- Red (45%)
- Yellow (40%)
- Blue (80%)



- Cyan (43%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9880, 41.9109, -2.6205 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 117.9880, 41.9109, -2.6205 by changing the saturation by 10% instead.

■ 117.9880, 41.9109,
-2.6205

■ 117.9880, 41.9109,
-2.6205

■ 255.0000, 0.0000,
0.0000

■ 92.3360, 40.7534,
-4.6797

■ 170.5970, 41.6107,
0.3534

■ 67.3850, 39.7432,
-7.3536

■ 195.1170, 29.5223,
4.2824

■ 41.6400, 39.6175,
-13.7163

■ 220.2240, 17.1446,
7.6966

■ 19.1620, 37.8811,
-16.8051

■ 244.4340, 5.2090,
9.2664

■ 8.2080, 31.4495,
-7.1984

■ 7.8200, 19.8087,
-6.8581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 117.9880, 41.9109,
-2.6205

■ 117.9880, 41.9109,
-2.6205

■ 100.8660, 50.3521,
-3.3905

■ 135.1100, 33.4698,
-1.8505

■ 83.1570, 59.0826,
-3.6457

■ 152.8190, 24.7392,
-1.5953

■ 66.0350, 67.5237,
-4.4157

■ 169.9410, 16.2981,
-0.8253

■ 49.2120, 75.8175,
-4.5709

■ 186.7640, 8.0043,
-0.6700

■ 32.0900, 84.2586,
-5.3409

■ 204.4730, -0.7262,
-0.4148

■ 30.3180, 85.1322,
-5.5409

■ 221.5950, -9.1673,
0.3552

■ 238.7170,
-17.6085, 1.1252

■ 249.0720,
-22.7135, 5.1989

Harmonies

Analogous

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



96.3520, 59.4795, -84.5007



117.9880, 41.9109, -2.6205



118.0350, 24.1397, 50.8353

Triad

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



117.9880, 41.9109, -2.6205



111.8370, -42.8106, 58.0250



94.8170, 10.4432, -83.1545

Complementary

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



117.9880, 41.9109, -2.6205



188.0120, -41.9109, 2.6205

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.



87.2420, -10.9653, -76.5112



117.9880, 41.9109, -2.6205



109.0660, -53.7695, 26.2521

Square

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



117.9880, 41.9109, -2.6205



110.8160, -20.6153, 79.0914



103.6420, -44.1935, -11.9640



100.5170, 32.2831, -88.1534

Rectangle

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



117.9880, 41.9109, -2.6205



113.6220, 10.5394, 73.1225



103.6420, -44.1935, -11.9640



92.1780, 2.8702, -80.8401

Sweetspot

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



117.9880, 41.9109, -2.6205



222.5280, 16.0087, -1.3401



166.0560, 18.2134, -55.3001



108.2200, 9.7515, -1.0699



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



117.9880, 41.9109, -2.6205



127.4820, 62.8664, -3.9307



132.9380, 34.5406, 28.1184



93.4390, 4.2206, -0.3850



24.9040, 69.5603, -4.3008



5.8270, 15.8613, -0.7253

Inverse Universe

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



142.9320, 23.6975, 52.6796



164.8980, 35.5463, 79.0195



173.0620, -34.5406, -28.1184



96.0160, 2.4571, 5.2480



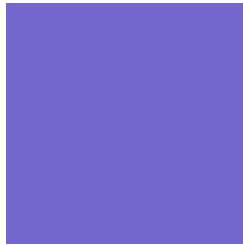
66.2780, 39.3029, 87.4562



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 117.9880, 41.9109, -2.6205 looks on a white background.

Color Contrast Check

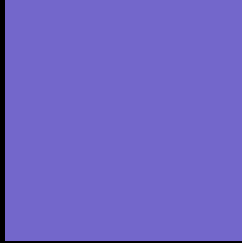
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.9880, 41.9109, -2.6205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

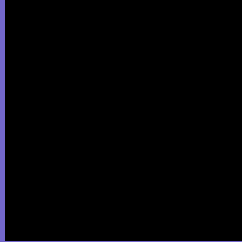
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.9880, 41.9109, -2.6205

Background



This preview shows how black text looks on a background with the YUV color 117.9880, 41.9109, -2.6205.



This preview shows how white text looks on a background with the YUV color 117.9880, 41.9109, -2.6205.

-2.6205.

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

117.9880, 41.9109, -2.6205

Protanopia

110.3470, 50.6079, -38.8923

Deuteranopia

108.2120, 45.2515, -47.5439



Tritanopia

113.9640, 7.9057, -15.7544

Trichromacy



Original Color

117.9880, 41.9109, -2.6205

Protanomaly

112.9250, 47.3650, -25.3672

Deuteranomaly

111.9690, 43.8923, -31.5448

Tritanomaly

115.6130, 20.4038, -11.0616

Monochromacy



Original Color

117.9880, 41.9109, -2.6205

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.3000, 15.1351, -1.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9880, 41.9109, -2.6205 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(115, 103, 203)` looks like.

```
.text, #text, p{  
    color:rgb(115, 103, 203)  
}
```

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(115, 103, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 103, 203) }
```

Border

The CSS property to change the border of an element to YUV 117.9880, 41.9109, -2.6205 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(115, 103, 203) }
```


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

```
.border{ border-color:rgb(115, 103, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 103, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 103, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 103, 203);  
box-shadow:4px 4px 4px 4px rgb(115, 103,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 117.9880, 41.9109, -2.6205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 103, 203) }
```

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

```
.background{ background-color: rgb(115,  
103, 203) }
```

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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