

Converting Colors

YUV(117.6290, 26.3119, 7.3414)

Have a look what the booklet for
YUV(117.6290, 26.3119, 7.3414)
contains.

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Color

**YUV(117.6290, 26.3119,
7.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	7E67AB
RGB	126, 103, 171
RGB Percent	49%, 40%, 67%
CMY	0.5059, 0.5961, 0.3294
CMYK	0.26, 0.40, 0.00, 0.33
HSL	260°, 29%, 54%
HSV	260°, 40%, 67%
XYZ	20.8051, 17.0764, 40.7276
YIQ	117.6290, -8.1200, 26.0240

Conversions

Conversions Part 2

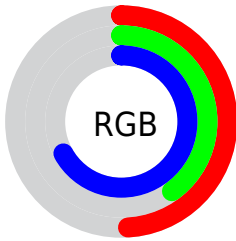
Format	Color
R_{YB}	126, 103, 171
Decimal	8284075
CIE _{Lab}	48.36, 23.94, -33.14
CIE _{LCh}	48, 40.884, 305.836
Yxy	17.0764, 0.2647, 0.2172
Android (android.graphics.Color)	4286474155 (0xFF7E67AB)
YUV	117.6290, 26.3119, 7.3414
Hunter-Lab	41.3236, 17.5528, -29.5084

Details

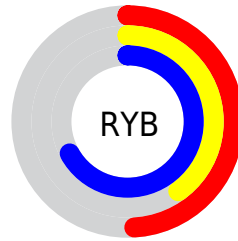
The YUV color **117.6290, 26.3119, 7.3414** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **156.3710, -26.3119, -7.3414**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0960, 28.0537, 8.6858**, and **68.7490, 24.2807, 5.4821** is the 20% darker color. If you saturate the color by 10%, you get **104.3610, 32.8530, 9.3304**, and if you desaturate by 10%, it is **130.8970, 19.7708, 5.3523**.

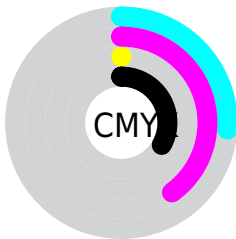
Distribution



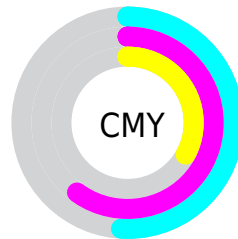
- Red (49%)
- Green (40%)
- Blue (67%)



- Red (49%)
- Yellow (40%)
- Blue (67%)



- Cyan (26%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (51%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6290, 26.3119, 7.3414 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 117.6290, 26.3119, 7.3414 by changing the saturation by 10% instead.

■ 117.6290, 26.3119,
7.3414

■ 117.6290, 26.3119,
7.3414

■ 255.0000, 0.0000,
0.0000

■ 92.6890, 25.2963,
6.4117

■ 170.0960, 28.0537,
8.6858

■ 68.7490, 24.2807,
5.4821

■ 197.5090, 28.3431,
9.2006

■ 45.5100, 23.4126,
3.9377

■ 222.6160, 15.9653,
12.6148

■ 22.9720, 22.6918,
1.7786

■ 244.4340, 5.2090,
9.2664

■ 5.6570, 20.3821,
-4.0842

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 117.6290, 26.3119,
7.3414

■ 117.6290, 26.3119,
7.3414

■ 104.3610, 32.8530,
9.3304

■ 130.8970, 19.7708,
5.3523

■ 90.7940, 39.5416,
10.7047

■ 144.4640, 13.0822,
3.9781

■ 77.5260, 46.0827,
12.6937

■ 157.7320, 6.5411,
1.9890

■ 64.2580, 52.6238,
14.6827

■ 171.0000, 0.0000,
0.0000

■ 50.1040, 59.6017,
16.5718

■ 184.5670, -6.6885,
-1.3743

■ 36.8360, 66.1429,
18.5608

■ 198.4220,
-13.5190, -3.8781

■ 211.6900,
-20.0602, -5.8671

■ 225.2570,
-26.7487, -7.2414

■ 237.3510,
-32.7110, -8.2008

Harmonies

Analogous

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



108.0900, 36.9306, -38.6669



117.6290, 26.3119, 7.3414



117.9830, 12.8264, 39.4799

Triad

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



117.6290, 26.3119, 7.3414



113.2180, -30.6735, 38.3968



91.2780, 14.6529, -80.0508

Complementary

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



117.6290, 26.3119, 7.3414



156.3710, -26.3119, -7.3414

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.



98.2590, -6.5367, -50.2161



117.6290, 26.3119, 7.3414



110.6790, -33.3657, 15.1905

Square

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



117.6290, 26.3119, 7.3414



113.8190, -18.6448, 53.6557



106.6800, -24.9852, -12.8744



94.4530, 29.3567, -82.8353

Rectangle

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



117.6290, 26.3119, 7.3414



116.0140, 2.4581, 51.7307



106.6800, -24.9852, -12.8744



89.9100, 9.4114, -78.8511

Sweetspot

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



117.6290, 26.3119, 7.3414



200.7690, 10.4669, 2.8336



137.1670, 16.6797, -29.9645



99.6180, 6.1043, 2.0890



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



117.6290, 26.3119, 7.3414



137.9620, 41.4307, 11.4343



127.7950, 21.3001, 28.2438



79.9230, 3.4890, 0.9445



32.3490, 58.0019, 16.3569



5.0140, 8.8671, 2.6187

Inverse Universe

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



128.4620, 9.6322, 37.3058



155.0870, 15.2401, 58.6827



146.2050, -21.3001, -28.2438



81.3750, 1.2941, 4.9331



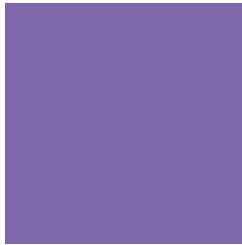
56.2500, 21.5688, 82.2188



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 117.6290, 26.3119, 7.3414 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 117.6290, 26.3119, 7.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

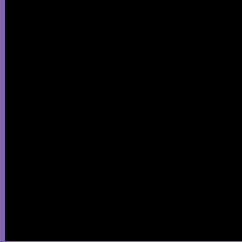
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.6290, 26.3119, 7.3414

Background



This preview shows how black text looks on a background with the YUV color 117.6290, 26.3119, 7.3414.

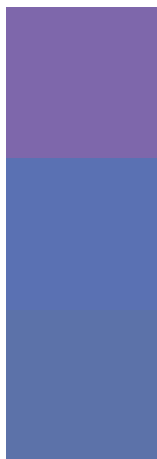


This preview shows how white text looks on a background with the YUV color 117.6290, 26.3119, 7.3414.

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

117.6290, 26.3119, 7.3414

Protanopia

113.6470, 32.2190, -20.7384

Deuteranopia

113.6920, 27.2668, -19.0239



Tritanopia

115.2220, 3.3416, 1.5593

Trichromacy



Original Color

117.6290, 26.3119, 7.3414

Protanomaly

114.8440, 30.1499, -10.3872

Deuteranomaly

115.0460, 27.0923, -9.6873

Tritanomaly

115.8230, 11.9193, 3.6632

Monochromacy



Original Color

117.6290, 26.3119, 7.3414

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1280, 9.3039, 2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6290, 26.3119, 7.3414 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(126, 103, 171)` looks like.

```
.text, #text, p{  
    color:rgb(126, 103, 171)  
}
```

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(126, 103, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 103, 171) }
```

Border

The CSS property to change the border of an element to YUV 117.6290, 26.3119, 7.3414 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(126, 103, 171) }
```


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

```
.border{ border-color:rgb(126, 103, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 103, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 103, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 103, 171);  
box-shadow:4px 4px 4px 4px rgb(126, 103,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 117.6290, 26.3119, 7.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 103, 171) }
```

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

```
.background{ background-color: rgb(126,  
103, 171) }
```

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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