

Converting Colors

YUV(117.4810, 0.7489, 39.9202)

Have a look what the booklet for
YUV(117.4810, 0.7489, 39.9202)
contains.

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Color

**YUV(117.4810, 0.7489,
39.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	A35E77
RGB	163, 94, 119
RGB Percent	64%, 37%, 47%
CMY	0.3608, 0.6314, 0.5333
CMYK	0.00, 0.42, 0.27, 0.36
HSL	338°, 27%, 50%
HSV	338°, 42%, 64%
XYZ	22.4367, 17.1238, 19.5755
YIQ	117.4810, 33.0990, 22.4030

Conversions

Conversions Part 2

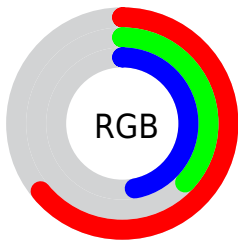
Format	Color
R_{YB}	163, 94, 119
Decimal	10706551
CIE Lab	48.42, 31.36, -1.82
CIE LCh	48, 31.412, 356.683
Yxy	17.1238, 0.3794, 0.2896
Android (android.graphics.Color)	4288896631 (0xFFA35E77)
YUV	117.4810, 0.7489, 39.9202
Hunter-Lab	41.3810, 24.3659, 0.9193

Details

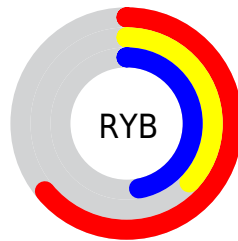
The YUV color **117.4810, 0.7489, 39.9202** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **139.5190, -0.7489, -39.9202**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6770, 0.1592, 42.3793**, and **67.1000, 1.9227, 36.7463** is the 20% darker color. If you saturate the color by 10%, you get **106.9490, 1.0111, 49.1567**, and if you desaturate by 10%, it is **128.0130, 0.4866, 30.6836**.

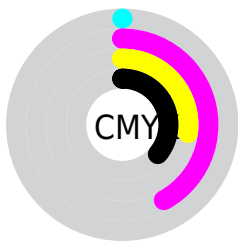
Distribution



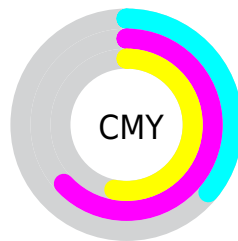
- Red (64%)
- Green (37%)
- Blue (47%)



- Red (64%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (42%)
- Yellow (27%)
- Black (36%)





- Cyan (36%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.4810, 0.7489, 39.9202 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 117.4810, 0.7489, 39.9202 by changing the saturation by 10% instead.


 117.4810, 0.7489,
39.9202

 117.4810, 0.7489,
39.9202


255.0000, 0.0000,
0.0000


 91.8830, 1.0437,
38.6906

 170.6770, 0.1592,
42.3793

 67.1000, 1.9227,
36.7463


 198.5740, -0.2830,
44.2236

 42.6160, 2.6543,
35.4168

 219.4090, 3.2494,
31.2133

 20.5340, 3.6807,
32.8577

 239.7380, 7.5242,
13.3848

 11.4760, -5.1647,
23.2615

 0.0000, 0.0000,
0.0000

■ 117.4810, 0.7489,
39.9202

■ 117.4810, 0.7489,
39.9202

■ 106.9490, 1.0111,
49.1567

■ 128.0130, 0.4866,
30.6836

■ 95.7160, 1.1260,
59.0081

■ 139.2460, 0.3717,
20.8323

■ 85.1840, 1.3883,
68.2446

■ 149.7780, 0.1094,
11.5957

■ 74.5380, 1.2138,
77.5812

■ 160.4240, 0.2840,
2.2592

■ 64.0060, 1.4760,
86.8177

■ 171.5430, -0.2677,
-7.4922

■ 55.4630, 1.7437,
94.3099

■ 182.0750, -0.5300,
-16.7288

■ 192.7210, -0.3555,
-26.0653

■ 203.2530, -0.6177,

-35.3019

 214.4860, -0.7326,
-45.1532

Harmonies

Analogous

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



118.4710, 12.5858, 23.2659



117.4810, 0.7489, 39.9202



116.5880, -11.6289, 43.3343

Triad

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



117.4810, 0.7489, 39.9202



110.8430, -22.1076, -2.4933



91.5010, 33.2770, -80.2464

Complementary

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



117.4810, 0.7489, 39.9202



139.5190, -0.7489, -39.9202

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.



91.4550, 22.9467, -80.2060



117.4810, 0.7489, 39.9202



106.3760, -10.5384, -26.6398

Square

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



117.4810, 0.7489, 39.9202



112.7640, -25.5197, 18.6240



98.8420, 5.9939, -55.9894



109.3370, 28.9209, -36.2525

Rectangle

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



117.4810, 0.7489, 39.9202



115.3180, -18.8908, 39.1861



98.8420, 5.9939, -55.9894



91.9910, 30.0774, -80.6761

Sweetspot

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



117.4810, 0.7489, 39.9202



193.5120, 0.2406, 16.2140



115.0220, 23.6532, 20.1517



95.7670, 0.1149, 9.8513



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



117.4810, 0.7489, 39.9202



140.7380, 1.1152, 62.4968



119.9140, -12.7756, 37.7864



76.0330, -0.0163, 5.2331



49.3970, 1.7763, 83.8438



6.0660, -0.0325, 10.4661

Inverse Universe

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



117.4810, 0.7489, 39.9202



140.7380, 1.1152, 62.4968



137.0860, 12.7756, -37.7864



76.0330, -0.0163, 5.2331



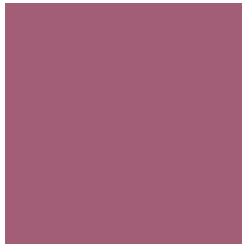
49.3970, 1.7763, 83.8438



6.0660, -0.0325, 10.4661

Previews

White Background



This preview shows how the YUV color 117.4810, 0.7489, 39.9202 looks on a white background.

Color Contrast Check

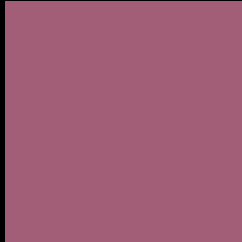
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.4810, 0.7489, 39.9202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

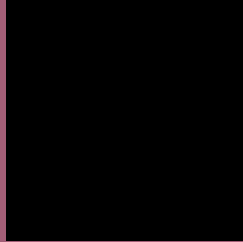
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.4810, 0.7489, 39.9202

Background



This preview shows how black text looks on a background with the YUV color 117.4810, 0.7489, 39.9202.



This preview shows how white text looks on a background with the YUV color 117.4810, 0.7489,

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

117.4810, 0.7489, 39.9202

Protanopia

116.3400, 7.7204, -2.9292

Deuteranopia

116.6420, -0.3165, 8.2070



Tritanopia

117.2330, -6.5239, 39.2607

Trichromacy



Original Color

117.4810, 0.7489, 39.9202

Protanomaly

116.4560, 5.1982, 12.7551

Deuteranomaly

116.5340, 0.2297, 19.7027

Tritanomaly

117.2160, -4.0505, 39.2756

Monochromacy



Original Color

117.4810, 0.7489, 39.9202

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.5010, 0.2460, 14.4696

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4810, 0.7489, 39.9202 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(163, 94, 119)` looks like.

```
.text, #text, p{  
    color:rgb(163, 94, 119)  
}
```

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(163, 94, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 94, 119) }
```

Border

The CSS property to change the border of an element to YUV 117.4810, 0.7489, 39.9202 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(163, 94, 119) }
```


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

```
.border{ border-color:rgb(163, 94, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 94, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 94, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 94, 119);  
box-shadow:4px 4px 4px 4px rgb(163, 94,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 117.4810, 0.7489, 39.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 94, 119) }
```

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

```
.background{ background-color: rgb(163, 94,  
119) }
```

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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