

Converting Colors

YUV(117.2790, 3.8065, 39.2203)

Have a look what the booklet for
YUV(117.2790, 3.8065, 39.2203)
contains.

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Color

**YUV(117.2790, 3.8065,
39.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	A25D7D
RGB	162, 93, 125
RGB Percent	64%, 36%, 49%
CMY	0.3647, 0.6353, 0.5098
CMYK	0.00, 0.43, 0.23, 0.36
HSL	332°, 27%, 50%
HSV	332°, 43%, 64%
XYZ	22.5163, 16.9908, 21.4948
YIQ	117.2790, 30.8520, 24.5800

Conversions

Conversions Part 2

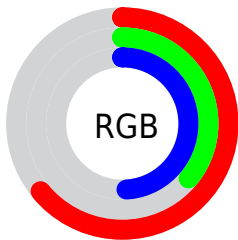
Format	Color
R_{YB}	162, 93, 125
Decimal	10640765
CIE _{Lab}	48.25, 32.45, -5.68
CIE _{LCh}	48, 32.939, 350.069
Yxy	16.9908, 0.3691, 0.2785
Android (android.graphics.Color)	4288830845 (0xFFA25D7D)
YUV	117.2790, 3.8065, 39.2203
Hunter-Lab	41.2198, 25.3708, -2.0640

Details

The YUV color **117.2790, 3.8065, 39.2203** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.7210, -3.8065, -39.2203**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5890, 3.6536, 41.5794**, and **66.7840, 4.5435, 36.1464** is the 20% darker color. If you saturate the color by 10%, you get **106.8610, 4.5055, 48.3569**, and if you desaturate by 10%, it is **127.6970, 3.1074, 30.0837**.

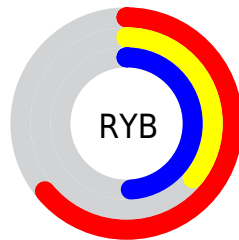
Distribution



Red (64%)

Green (36%)

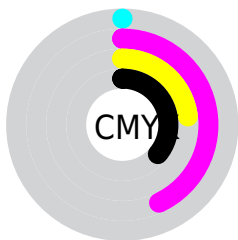
Blue (49%)



Red (64%)

Yellow (36%)

Blue (49%)

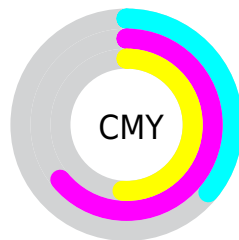


Cyan (0%)

Magenta (43%)

Yellow (23%)

Black (36%)



Cyan (36%)

Magenta (64%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.2790, 3.8065, 39.2203 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 117.2790, 3.8065, 39.2203 by changing the saturation by 10% instead.

 117.2790, 3.8065,
39.2203


 117.2790, 3.8065,
39.2203

255.0000, 0.0000,
0.0000


 91.6810, 4.1013,
37.9908

 170.5890, 3.6536,
41.5794


 66.7840, 4.5435,
36.1464


 198.1870, 3.3588,
42.8090

 42.5990, 5.1277,
35.4317

 219.6200, 6.5963,
31.0283

 20.9900, 5.4279,
32.4578

 239.1510, 7.8136,
13.8996

 11.9750, -1.9597,
21.9469

 0.0000, 0.0000,
0.0000

■ 117.2790, 3.8065,
39.2203

■ 117.2790, 3.8065,
39.2203

■ 106.8610, 4.5055,
48.3569

■ 127.6970, 3.1074,
30.0837

■ 96.5570, 5.6414,
57.3935

■ 138.0010, 1.9715,
21.0471

■ 85.5520, 6.6299,
67.0449

■ 149.0060, 0.9830,
11.3957

■ 75.1340, 7.3289,
76.1815

■ 159.4240, 0.2840,
2.2592

■ 64.8300, 8.4648,
85.2181

■ 169.7280, -0.8519,
-6.7775

■ 56.9880, 8.8799,
92.0955

■ 180.1460, -1.5510,
-15.9140

■ 190.5640, -2.2501,
-25.0506

■ 201.4550, -3.6753,

-34.6020

 211.8730, -4.3744,
-43.7386

Harmonies

Analogous

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



117.7740, 16.3804, 19.4922



117.2790, 3.8065, 39.2203



115.8810, -9.3083, 45.7084

Triad

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



117.2790, 3.8065, 39.2203



110.5940, -24.4498, 2.1101



91.7460, 31.6772, -80.4612

Complementary

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



117.2790, 3.8065, 39.2203



137.7210, -3.8065, -39.2203

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.



90.8850, 20.7627, -79.7061



117.2790, 3.8065, 39.2203



106.4860, -14.0436, -22.3512

Square

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



117.2790, 3.8065, 39.2203



113.1560, -26.6989, 23.5422



98.6530, 2.6361, -52.3157



104.3570, 31.8690, -48.5481

Rectangle

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



117.2790, 3.8065, 39.2203



115.0950, -17.3018, 42.8897



98.6530, 2.6361, -52.3157



92.2360, 28.4777, -80.8910

Sweetspot

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



117.2790, 3.8065, 39.2203



193.8540, 1.5510, 15.9140



111.9290, 24.6850, 15.8483



95.9950, 0.9885, 9.6514



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.



117.2790, 3.8065, 39.2203



141.9920, 5.9199, 61.3970



114.8050, -10.7499, 41.3900



76.1470, 0.4205, 5.1331



50.9930, 7.8915, 82.4441



6.2940, 0.8411, 10.2662

Inverse Universe

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



117.2790, 3.8065, 39.2203



141.9920, 5.9199, 61.3970



140.1950, 10.7499, -41.3900



76.1470, 0.4205, 5.1331



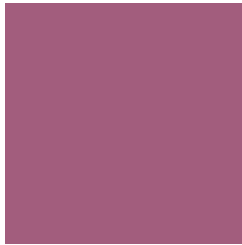
50.9930, 7.8915, 82.4441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 117.2790, 3.8065, 39.2203 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 117.2790, 3.8065, 39.2203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

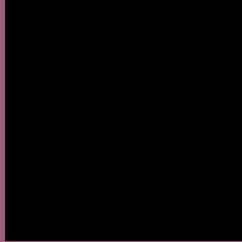
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.2790, 3.8065, 39.2203

Background



This preview shows how black text looks on a background with the YUV color 117.2790, 3.8065, 39.2203.



This preview shows how white text looks on a background with the YUV color 117.2790, 3.8065,

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

117.2790, 3.8065, 39.2203

Protanopia

115.6540, 11.5096, -4.9586

Deuteranopia

116.4290, 2.7465, 5.7628



Tritanopia

116.6350, -6.2291, 38.0311

Trichromacy



Original Color

117.2790, 3.8065, 39.2203

Protanomaly

116.0690, 8.8400, 11.3405

Deuteranomaly

116.6200, 3.1453, 17.8733

Tritanomaly

117.2590, -2.5927, 38.3609

Monochromacy



Original Color

117.2790, 3.8065, 39.2203

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8430, 1.5564, 14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2790, 3.8065, 39.2203 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(162, 93, 125)` looks like.

```
.text, #text, p{  
    color:rgb(162, 93, 125)  
}
```

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(162, 93, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 93, 125) }
```

Border

The CSS property to change the border of an element to YUV 117.2790, 3.8065, 39.2203 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(162, 93, 125) }
```


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

```
.border{ border-color:rgb(162, 93, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 93, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 93, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 93, 125); box-shadow:4px 4px 4px 4px rgb(162, 93, 125) }
```

Background

The CSS property to change the background color of an element to YUV 117.2790, 3.8065, 39.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 93, 125) }
```

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

```
.background{ background-color: rgb(162, 93,  
125) }
```

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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