

Converting Colors

YUV(120.6410, 11.5160,
39.7798)

Have a look what the booklet for
YUV(120.6410, 11.5160, 39.7798)
contains.

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Color

**YUV(120.6410, 11.5160,
39.7798)**

Conversions

Conversions Part 1

Format	Color
Hex	A65D90
RGB	166, 93, 144
RGB Percent	65%, 36%, 56%
CMY	0.3490, 0.6353, 0.4353
CMYK	0.00, 0.44, 0.13, 0.35
HSL	318°, 29%, 51%
HSV	318°, 44%, 65%
XYZ	24.6743, 17.9493, 28.5496
YIQ	120.6410, 27.1370, 31.3370

Conversions

Conversions Part 2

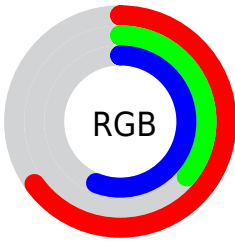
Format	Color
R_{YB}	166, 93, 144
Decimal	10902928
CIE _{Lab}	49.43, 36.92, -15.19
CIE _{LCh}	49, 39.920, 337.632
Yxy	17.9493, 0.3467, 0.2522
Android (android.graphics.Color)	4289093008 (0xFFA65D90)
YUV	120.6410, 11.5160, 39.7798
Hunter-Lab	42.3666, 29.8166, -10.2972

Details

The YUV color **120.6410, 11.5160, 39.7798** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **138.3590, -11.5160, -39.7798**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0650, 11.8000, 42.0390**, and **69.4450, 12.1056, 37.3207** is the 20% darker color. If you saturate the color by 10%, you get **110.0920, 14.2516, 49.0313**, and if you desaturate by 10%, it is **131.1900, 8.7803, 30.5284**.

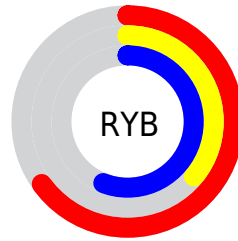
Distribution



Red (65%)

Green (36%)

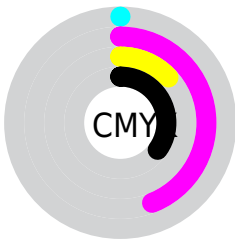
Blue (56%)



Red (65%)

Yellow (36%)

Blue (56%)

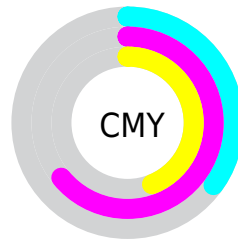


Cyan (0%)

Magenta (44%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (64%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.6410, 11.5160, 39.7798 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 120.6410, 11.5160, 39.7798 by changing the saturation by 10% instead.

120.6410, 11.5160,
39.7798

120.6410, 11.5160,
39.7798

255.0000, 0.0000,
0.0000

94.9290, 11.3740,
38.6503

174.0650, 11.8000,
42.0390

69.4450, 12.1056,
37.3207

202.0760, 11.7945,
43.7833

43.6730, 12.9792,
37.1208

222.7150, 15.9165,
28.3139

23.5970, 11.5377,
32.8024

239.1510, 7.8136,
13.8996

15.3370, 5.7499,
22.5065

0.0000, 0.0000,
0.0000

120.6410, 11.5160,
39.7798

120.6410, 11.5160,
39.7798

110.0920, 14.2516,
49.0313

131.1900, 8.7803,
30.5284

100.1300, 16.6979,
57.7680

141.1520, 6.3341,
21.7917

89.5810, 19.4336,
67.0195

151.7010, 3.5984,
12.5402

79.6190, 21.8798,
75.7561

161.6630, 1.1521,
3.8035

69.0700, 24.6155,
85.0076

172.2120, -1.5835,
-5.4479


62.8580, 26.1990,
90.4555

182.7610, -4.3192,
-14.6994

192.7230, -6.7654,
-23.4361

203.2720, -9.5011,

-32.6875

 213.2340,
-11.9474, -41.4242

Harmonies

Analogous

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



120.2980, 24.9961, 9.3857



120.6410, 11.5160, 39.7798



118.3150, -4.0993, 54.9747

Triad

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



120.6410, 11.5160, 39.7798



113.1950, -32.6341, 13.8610



96.0830, 30.5251, -84.2648

Complementary

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



120.6410, 11.5160, 39.7798



138.3590, -11.5160, -39.7798

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.



93.4950, 15.5320, -81.9951



120.6410, 11.5160, 39.7798



109.4240, -23.3800, -14.4038

Square

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



120.6410, 11.5160, 39.7798



116.2070, -30.6681, 36.6525



101.3020, -5.0789, -51.1309



95.6560, 41.5816, -83.8903

Rectangle

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



120.6410, 11.5160, 39.7798



117.8560, -14.7190, 54.5003



101.3020, -5.0789, -51.1309



95.5300, 25.8677, -83.7798

Sweetspot

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



120.6410, 11.5160, 39.7798



199.5380, 4.1718, 15.3142



107.9000, 28.6433, 6.2267



98.7500, 2.5882, 9.8663



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



120.6410, 11.5160, 39.7798



145.5050, 17.9920, 62.7011



116.5370, -4.2087, 43.3791



79.0760, 1.4415, 4.3183



55.9940, 23.1740, 80.6893



7.5760, 3.1670, 10.8958

Inverse Universe

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



120.6410, 11.5160, 39.7798



145.5050, 17.9920, 62.7011



142.4630, 4.2087, -43.3791



79.0760, 1.4415, 4.3183



55.9940, 23.1740, 80.6893



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 120.6410, 11.5160, 39.7798 looks on a white background.

Color Contrast Check

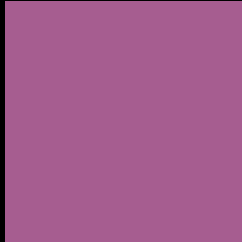
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.6410, 11.5160, 39.7798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

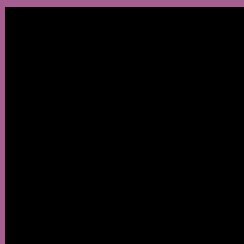
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6410, 11.5160, 39.7798

Background



This preview shows how black text looks on a background with the YUV color 120.6410, 11.5160, 39.7798.



This preview shows how white text looks on a background with the YUV color 120.6410, 11.5160,

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

120.6410, 11.5160, 39.7798

Protanopia

117.8410, 21.2774, -11.2616

Deuteranopia

119.0460, 10.3303, -0.0403



Tritanopia

119.4500, -5.6448, 37.3164

Trichromacy



Original Color

120.6410, 11.5160, 39.7798

Protanomaly

119.0390, 17.7288, 6.9818

Deuteranomaly

119.5470, 10.5763, 14.4293

Tritanomaly

119.4700, 0.7543, 38.1758

Monochromacy



Original Color

120.6410, 11.5160, 39.7798

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.8260, 4.0298, 14.1846

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6410, 11.5160, 39.7798 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(166, 93, 144)` looks like.

```
.text, #text, p{  
    color:rgb(166, 93, 144)  
}
```

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(166, 93, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 93, 144) }
```

Border

The CSS property to change the border of an element to YUV 120.6410, 11.5160, 39.7798 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(166, 93, 144) }
```


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

```
.border{ border-color:rgb(166, 93, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 93, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 93, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 93, 144); box-shadow:4px 4px 4px 4px rgb(166, 93, 144) }
```

Background

The CSS property to change the background color of an element to YUV 120.6410, 11.5160, 39.7798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 93, 144) }
```

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

```
.background{ background-color: rgb(166, 93,  
144) }
```

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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