

Converting Colors

YUV(111.2110, 33.9130,
42.7880)

Have a look what the booklet for
YUV(111.2110, 33.9130, 42.7880)
contains.

YUV(111.2110, 33.9130, 42.7880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.2110, 33.9130,
42.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	A049B4
RGB	160, 73, 180
RGB Percent	63%, 29%, 71%
CMY	0.3725, 0.7137, 0.2941
CMYK	0.11, 0.59, 0.00, 0.29
HSL	289°, 42%, 50%
HSV	289°, 59%, 71%
XYZ	25.1180, 15.5340, 44.8545
YIQ	111.2110, 17.5050, 51.7210

Conversions

Conversions Part 2

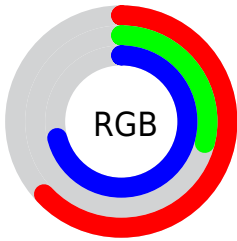
Format	Color
R_{YB}	160, 73, 180
Decimal	10504628
CIE _{Lab}	46.36, 52.08, -41.30
CIE _{LCh}	46, 66.471, 321.585
Yxy	15.5340, 0.2938, 0.1817
Android (android.graphics.Color)	4288694708 (0xFFA049B4)
YUV	111.2110, 33.9130, 42.7880
Hunter-Lab	39.4131, 44.7849, -39.8864

Details

The YUV color **111.2110, 33.9130, 42.7880** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **141.7890, -33.9130, -42.7880**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7490, 34.6337, 44.9471**, and **54.0910, 35.9441, 44.6472** is the 20% darker color. If you saturate the color by 10%, you get **99.7480, 39.5642, 50.2100**, and if you desaturate by 10%, it is **122.6740, 28.2617, 35.3659**.

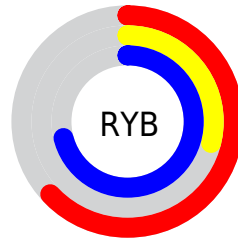
Distribution



Red (63%)

Green (29%)

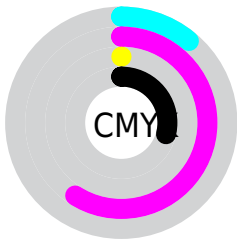
Blue (71%)



Red (63%)

Yellow (29%)

Blue (71%)

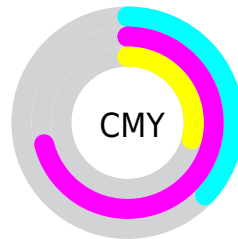


Cyan (11%)

Magenta (59%)

Yellow (0%)

Black (29%)



Cyan (37%)


Magenta (71%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.2110, 33.9130, 42.7880 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 111.2110, 33.9130, 42.7880 by changing the saturation by 10% instead.


 111.2110, 33.9130,
42.7880


 111.2110, 33.9130,
42.7880


255.0000, 0.0000,
0.0000


 83.9120, 34.0604,
42.1732


 165.7490, 34.6337,
44.9471


 54.0910, 35.9441,
44.6472


 192.4350, 30.8445,
46.9765


 35.1350, 32.4714,
38.4696


 211.5620, 21.4149,
38.0951

 24.5110, 25.3841,
24.9849

 227.9980, 13.3120,
23.6808

 14.7130, 18.8755,
12.5297

 245.0210, 4.9196,
8.7516

 4.7080, 12.9620,
-4.1289

 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 111.2110, 33.9130,
42.7880

■ 111.2110, 33.9130,
42.7880

■ 99.7480, 39.5642,
50.2100

■ 122.6740, 28.2617,
35.3659

■ 87.9860, 45.3629,
57.0173

■ 134.4360, 22.4631,
28.5586

■ 76.5230, 51.0142,
64.4393

■ 145.8990, 16.8118,
21.1366

■ 65.0600, 56.6654,
71.8614

■ 157.3620, 11.1605,
13.7145

■ 64.1740, 57.1022,
71.7614

■ 169.1240, 5.3619,
6.9073

■ 180.5870, -0.2894,
-0.5148

■ 192.3490, -6.0881,
-7.3221

■ 203.8120,
-11.7393, -14.7441

■ 215.2750,
-17.3906, -22.1662

Harmonies

Analogous

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



103.8190, 54.8122, -34.0443



111.2110, 33.9130, 42.7880



99.6330, 13.9849, 88.0219

Triad

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



111.2110, 33.9130, 42.7880



103.5280, -51.0393, 37.2479



95.6440, 26.3045, -83.8798

Complementary

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



111.2110, 33.9130, 42.7880



141.7890, -33.9130, -42.7880

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.



88.5590, 1.6964, -77.6662



111.2110, 33.9130, 42.7880



98.2580, -48.4412, -2.8573

Square

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



111.2110, 33.9130, 42.7880



101.8650, -41.8384, 72.9094



79.3710, -23.3539, -69.6084



99.3550, 48.1390, -87.1343

Rectangle

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



111.2110, 33.9130, 42.7880



96.3340, -2.6297, 97.0541



79.3710, -23.3539, -69.6084



93.5920, 18.4421, -82.0802

Sweetspot

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



111.2110, 33.9130, 42.7880



207.3670, 13.6231, 17.2181



97.5250, 40.6602, -21.5084



100.2430, 8.2612, 10.3109



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



111.2110, 33.9130, 42.7880



127.4030, 53.0453, 66.2986



113.5430, 16.9873, 58.2828



83.4180, 2.7519, 4.0184



54.5180, 48.5516, 60.9357



9.2430, 8.2612, 10.3109

Inverse Universe

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



107.2730, -7.0366, 63.7816



121.4670, -11.0762, 99.5684



139.4570, -16.9873, -58.2828



82.9190, -0.4531, 5.3330



49.0530, -9.8861, 91.1615



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 111.2110, 33.9130, 42.7880 looks on a white background.

Color Contrast Check

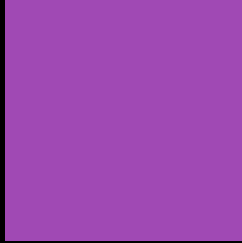
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.2110, 33.9130, 42.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

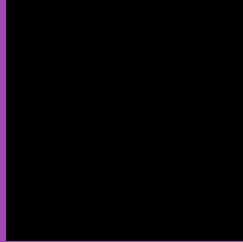
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.2110, 33.9130, 42.7880

Background



This preview shows how black text looks on a background with the YUV color 111.2110, 33.9130, 42.7880.



This preview shows how white text looks on a background with the YUV color 111.2110, 33.9130,

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

111.2110, 33.9130, 42.7880

Protanopia

101.7420, 54.8502, -46.2547

Deuteranopia

107.0160, 32.5301, -27.2010



Tritanopia

111.9440, -4.9024, 32.4981

Trichromacy



Original Color

111.2110, 33.9130, 42.7880

Protanomaly

105.2900, 47.1850, -14.2863

Deuteranomaly

108.9960, 33.0330, -1.7505

Tritanomaly

111.6360, 9.0535, 36.2762

Monochromacy



Original Color

111.2110, 33.9130, 42.7880

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0140, 12.3181, 15.7737

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.2110, 33.9130, 42.7880 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(160, 73, 180)` looks like.

```
.text, #text, p{  
  color:rgb(160, 73, 180)  
}
```

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(160, 73, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 73, 180) }
```

Border

The CSS property to change the border of an element to YUV 111.2110, 33.9130, 42.7880 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(160, 73, 180) }
```


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

```
.border{ border-color:rgb(160, 73, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 73, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 73, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 73, 180);  
box-shadow:4px 4px 4px 4px rgb(160, 73,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 111.2110, 33.9130, 42.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 73, 180) }
```

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

```
.background{ background-color: rgb(160, 73,  
180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor