

Converting Colors

YUV(110.3220, 25.4773,
41.8136)

Have a look what the booklet for
YUV(110.3220, 25.4773, 41.8136)
contains.

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Color

**YUV(110.3220, 25.4773,
41.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	9E4CA2
RGB	158, 76, 162
RGB Percent	62%, 30%, 64%
CMY	0.3804, 0.7020, 0.3647
CMYK	0.02, 0.53, 0.00, 0.36
HSL	297°, 36%, 47%
HSV	297°, 53%, 64%
XYZ	23.2066, 15.0466, 35.8636
YIQ	110.3220, 21.2660, 44.1300

Conversions

Conversions Part 2

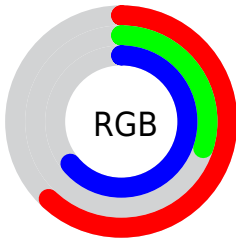
Format	Color
R_{YB}	158, 76, 162
Decimal	10374306
CIE _{Lab}	45.70, 46.57, -31.75
CIE _{LCh}	46, 56.359, 325.718
Yxy	15.0466, 0.3131, 0.2030
Android (android.graphics.Color)	4288564386 (0xFF9E4CA2)
YUV	110.3220, 25.4773, 41.8136
Hunter-Lab	38.7900, 38.9074, -27.6641

Details

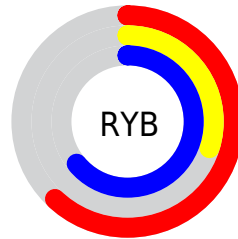
The YUV color **110.3220, 25.4773, 41.8136** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **127.6780, -25.4773, -41.8136**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.8600, 26.1980, 43.9728**, and **56.5500, 26.3509, 41.6136** is the 20% darker color. If you saturate the color by 10%, you get **100.6310, 30.2549, 49.4356**, and if you desaturate by 10%, it is **120.0130, 20.6996, 34.1916**.

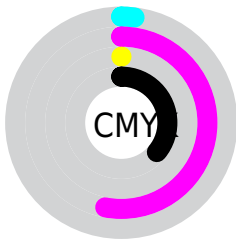
Distribution



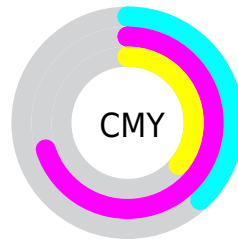
- Red (62%)
- Green (30%)
- Blue (64%)



- Red (62%)
- Yellow (30%)
- Blue (64%)



- Cyan (2%)
- Magenta (53%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (70%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.3220, 25.4773, 41.8136 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 110.3220, 25.4773, 41.8136 by changing the saturation by 10% instead.

110.3220, 25.4773,
41.8136

110.3220, 25.4773,
41.8136

255.0000, 0.0000,
0.0000

84.0230, 25.6247,
41.1988

163.8600, 26.1980,
43.9728

56.5500, 26.3509,
41.6136

191.9850, 26.6294,
45.6172

33.0120, 25.6301,
39.4545

212.7360, 20.8362,
37.0655

22.9150, 19.2689,
26.3845

229.1720, 12.7332,
22.6512

13.4160, 12.6129,
14.5442

246.1950, 4.3409,
7.7220

2.4110, 6.6994,
-2.1144

0.0000, 0.0000,

0.0000

■ 110.3220, 25.4773,
41.8136

■ 110.3220, 25.4773,
41.8136

■ 100.6310, 30.2549,
49.4356

■ 120.0130, 20.6996,
34.1916

■ 90.9400, 35.0326,
57.0576

■ 129.7040, 15.9219,
26.5696

■ 80.9610, 39.9522,
65.8092

■ 139.6830, 11.0023,
17.8180

■ 71.2700, 44.7299,
73.4312

■ 149.3740, 6.2246,
10.1960

■ 64.5140, 48.0606,
78.4792

■ 159.0650, 1.4470,
2.5740

■ 168.7560, -3.3307,
-5.0480

■ 178.1480, -7.9610,
-13.2848

■ 188.4260,
-13.0280, -21.4216

■ 198.1170,
-17.8057, -29.0436

Harmonies

Analogous

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



108.0360, 42.3803, -13.1866



110.3220, 25.4773, 41.8136



104.1830, 6.3188, 73.5075

Triad

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



110.3220, 25.4773, 41.8136



101.7120, -50.1440, 30.0706



93.1820, 27.0253, -81.7206

Complementary

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



110.3220, 25.4773, 41.8136



127.6780, -25.4773, -41.8136

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.



87.1230, 6.3484, -76.4069



110.3220, 25.4773, 41.8136



95.8880, -47.2728, -4.2868

Square

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



110.3220, 25.4773, 41.8136



103.2160, -37.5745, 58.5696



79.7870, -14.1920, -68.2192



95.1660, 44.7812, -83.4606

Rectangle

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



110.3220, 25.4773, 41.8136



102.4320, -8.1010, 78.5511



79.7870, -14.1920, -68.2192



91.3580, 20.0365, -80.1210

Sweetspot

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



110.3220, 25.4773, 41.8136



191.4440, 10.1341, 16.2736



88.1520, 36.4071, -10.6573



94.9610, 5.9352, 9.6812



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.



110.3220, 25.4773, 41.8136



130.0750, 40.3890, 65.7092



107.0720, 7.8525, 48.1719



76.4180, 2.7519, 4.0184



58.0910, 42.8461, 70.9572



7.1350, 5.3564, 8.6516

Inverse Universe

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



102.1700, -10.9298, 52.4709



117.3480, -17.4266, 83.0098



130.9280, -7.8525, -48.1719



75.8050, -0.8899, 5.4330



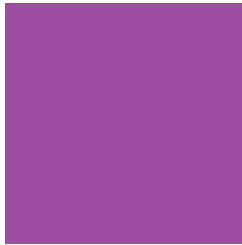
44.1530, -18.3164, 88.4428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 110.3220, 25.4773, 41.8136 looks on a white background.

Color Contrast Check

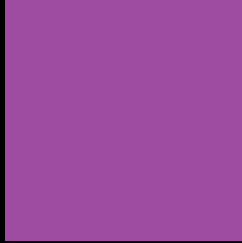
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.3220, 25.4773, 41.8136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

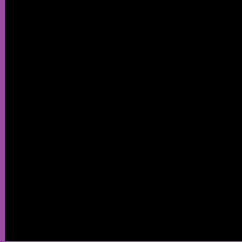
Any Text WCAG AA × Fail

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 110.3220, 25.4773, 41.8136 Background



This preview shows how black text looks on a background with the YUV color 110.3220, 25.4773, 41.8136.



This preview shows how white text looks on a background with the YUV color 110.3220, 25.4773,

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

110.3220, 25.4773, 41.8136

Protanopia

105.1820, 40.8293, -29.1006

Deuteranopia

108.0900, 23.6196, -15.8649



Tritanopia

110.1400, -5.4920, 34.9572

Trichromacy



Original Color

110.3220, 25.4773, 41.8136

Protanomaly

106.9680, 35.5118, -3.4799

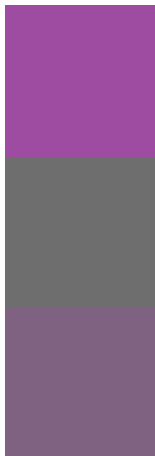
Deuteranomaly

108.7490, 24.2807, 5.4821

Tritanomaly

110.1370, 5.8485, 37.5909

Monochromacy



Original Color

110.3220, 25.4773, 41.8136

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.2050, 9.2659, 14.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.3220, 25.4773, 41.8136 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(158, 76, 162)` looks like.

```
.text, #text, p{  
    color:rgb(158, 76, 162)  
}
```

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(158, 76, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 76, 162) }
```

Border

The CSS property to change the border of an element to YUV 110.3220, 25.4773, 41.8136 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(158, 76, 162) }
```


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

```
.border{ border-color:rgb(158, 76, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 76, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 76, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 76, 162);  
box-shadow:4px 4px 4px 4px rgb(158, 76,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 110.3220, 25.4773, 41.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 76, 162) }
```

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

```
.background{ background-color: rgb(158, 76,  
162) }
```

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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