

Converting Colors

YUV(129.2450, 22.0642,
16.4481)

Have a look what the booklet for
YUV(129.2450, 22.0642, 16.4481)
contains.

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Color

**YUV(129.2450, 22.0642,
16.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	946FAE
RGB	148, 111, 174
RGB Percent	58%, 44%, 68%
CMY	0.4196, 0.5647, 0.3176
CMYK	0.15, 0.36, 0.00, 0.32
HSL	275°, 28%, 56%
HSV	275°, 36%, 68%
XYZ	25.5372, 20.7208, 42.6980
YIQ	129.2450, 1.8290, 27.4370

Conversions

Conversions Part 2

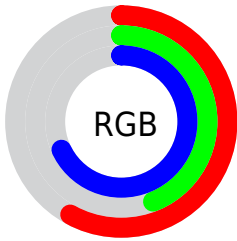
Format	Color
R _Y B	148, 111, 174
Decimal	9727918
CIE _{Lab}	52.64, 26.76, -28.04
CIE _{LCh}	53, 38.764, 313.666
Y _{xy}	20.7208, 0.2871, 0.2329
Android (android.graphics.Color)	4287917998 (0xFF946FAE)
Y _{UV}	129.2450, 22.0642, 16.4481
Hunter-Lab	45.5201, 20.4799, -23.7501

Details

The YUV color **129.2450, 22.0642, 16.4481** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **155.7550, -22.0642, -16.4481**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5980, 23.3692, 17.8926**, and **78.8920, 20.7592, 15.0037** is the 20% darker color. If you saturate the color by 10%, you get **117.1730, 28.0157, 20.8963**, and if you desaturate by 10%, it is **141.3170, 16.1127, 12.0000**.

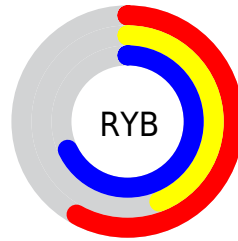
Distribution



Red (58%)

Green (44%)

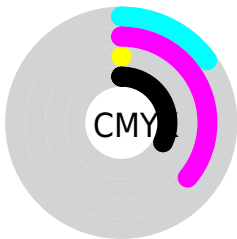
Blue (68%)



Red (58%)

Yellow (44%)

Blue (68%)

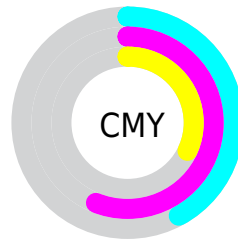


Cyan (15%)

Magenta (36%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (56%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.2450, 22.0642, 16.4481 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 129.2450, 22.0642, 16.4481 by changing the saturation by 10% instead.

129.2450, 22.0642,
16.4481

129.2450, 22.0642,
16.4481

255.0000, 0.0000,
0.0000

103.7180, 21.3380,
16.0333

182.5980, 23.3692,
17.8926

78.8920, 20.7592,
15.0037

209.6690, 22.3482,
18.7073

55.6530, 19.8911,
13.4593

233.2810, 10.7075,
19.0476

32.8270, 19.3123,
12.4297

250.3040, 2.3151,
4.1184

13.6590, 17.4231,
11.7001

3.7790, 11.9410,
-3.3142

0.0000, 0.0000,

0.0000

■ 129.2450, 22.0642,
16.4481

■ 129.2450, 22.0642,
16.4481

■ 117.1730, 28.0157,
20.8963

■ 141.3170, 16.1127,
12.0000

■ 104.5140, 34.2566,
25.8592

■ 153.9760, 9.8718,
7.0370

■ 92.1430, 40.3555,
29.6926

■ 166.3470, 3.7729,
3.2037

■ 79.4840, 46.5964,
34.6555

■ 179.0060, -2.4680,
-1.7593

■ 67.4120, 52.5479,
39.1037

■ 191.0780, -8.4195,
-6.2074

■ 55.3400, 58.4994,
43.5518

■ 203.1500,
-14.3710, -10.6556

■ 50.3340, 60.9673,
45.3111

■ 215.8090,
-20.6118, -15.6185

■ 227.8810,
-26.5633, -20.0666

■ 233.2080,
-29.1895, -17.7224

Harmonies

Analogous

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



123.7500, 32.6613, -22.5828



129.2450, 22.0642, 16.4481



128.4520, 8.1582, 43.4536

Triad

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



129.2450, 22.0642, 16.4481



123.7720, -30.9466, 32.6490



99.9010, 19.7688, -87.6132

Complementary

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



129.2450, 22.0642, 16.4481



155.7550, -22.0642, -16.4481

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.



107.7080, -0.8420, -56.7489



129.2450, 22.0642, 16.4481



121.6180, -30.8707, 8.2280

Square

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



129.2450, 22.0642, 16.4481



125.2870, -21.8335, 49.7373



117.1890, -20.3062, -20.3368



102.2610, 33.8883, -89.6829

Rectangle

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



129.2450, 22.0642, 16.4481



127.4610, -2.1993, 52.2157



117.1890, -20.3062, -20.3368



98.6470, 14.9640, -86.5134

Sweetspot

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



129.2450, 22.0642, 16.4481



209.3350, 8.7088, 6.7222



133.4440, 19.9941, -19.6834



104.4010, 5.2253, 4.0333



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



129.2450, 22.0642, 16.4481



157.5140, 34.2566, 25.8592



136.4490, 16.0476, 32.9322



80.5210, 3.1941, 2.1741



43.4120, 52.5479, 39.1037



6.5090, 8.1301, 5.6926

Inverse Universe

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



132.8010, 2.0701, 36.1315



162.9760, 3.4628, 56.1490



148.5510, -16.0476, -32.9322



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 129.2450, 22.0642, 16.4481 looks on a white background.

Color Contrast Check

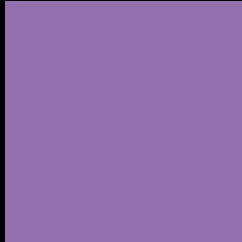
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 129.2450, 22.0642, 16.4481 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 129.2450, 22.0642, 16.4481

Background



This preview shows how black text looks on a background with the YUV color 129.2450, 22.0642, 16.4481.



This preview shows how white text looks on a background with the YUV color 129.2450, 22.0642, 16.4481.

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

129.2450, 22.0642, 16.4481

Protanopia

125.4580, 28.8612, -17.0647

Deuteranopia

125.7700, 22.2984, -12.0763



Tritanopia

127.4190, 1.2724, 11.9105

Trichromacy



Original Color

129.2450, 22.0642, 16.4481

Protanomaly

126.5520, 26.3499, -4.8691

Deuteranomaly

126.8360, 22.2659, -1.6102

Tritanomaly

128.3790, 8.6872, 13.6996

Monochromacy



Original Color

129.2450, 22.0642, 16.4481

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8080, 7.9827, 6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.2450, 22.0642, 16.4481 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(148, 111, 174)` looks like.

```
.text, #text, p{  
    color:rgb(148, 111, 174)  
}
```

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(148, 111, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 111, 174) }
```

Border

The CSS property to change the border of an element to YUV 129.2450, 22.0642, 16.4481 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(148, 111, 174) }
```


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

```
.border{ border-color:rgb(148, 111, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 111, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 111, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 111, 174);  
box-shadow:4px 4px 4px 4px rgb(148, 111,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 129.2450, 22.0642, 16.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 111, 174) }
```

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

```
.background{ background-color: rgb(148,  
111, 174) }
```

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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