

Converting Colors

YUV(128.2450, 22.0642,
16.4481)

Have a look what the booklet for
YUV(128.2450, 22.0642, 16.4481)
contains.

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Color

**YUV(128.2450, 22.0642,
16.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	936EAD
RGB	147, 110, 173
RGB Percent	58%, 43%, 68%
CMY	0.4235, 0.5686, 0.3216
CMYK	0.15, 0.36, 0.00, 0.32
HSL	275°, 28%, 55%
HSV	275°, 36%, 68%
XYZ	25.1514, 20.3720, 42.1417
YIQ	128.2450, 1.8290, 27.4370

Conversions

Conversions Part 2

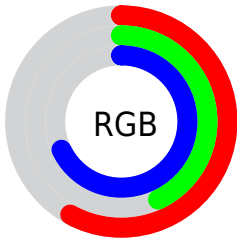
Format	Color
R_{YB}	147, 110, 173
Decimal	9662125
CIE _{Lab}	52.26, 26.80, -28.07
CIE _{LCh}	52, 38.810, 313.675
Yxy	20.3720, 0.2869, 0.2324
Android (android.graphics.Color)	4287852205 (0xFF936EAD)
YUV	128.2450, 22.0642, 16.4481
Hunter-Lab	45.1354, 20.4809, -23.7628

Details

The YUV color **128.2450, 22.0642, 16.4481** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **154.7550, -22.0642, -16.4481**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5980, 23.3692, 17.8926**, and **78.4790, 20.4699, 14.4889** is the 20% darker color. If you saturate the color by 10%, you get **116.1730, 28.0157, 20.8963**, and if you desaturate by 10%, it is **140.3170, 16.1127, 12.0000**.

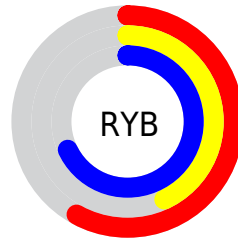
Distribution



Red (58%)

Green (43%)

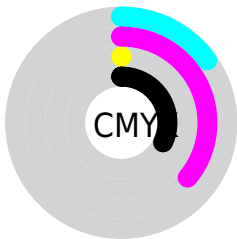
Blue (68%)



Red (58%)

Yellow (43%)

Blue (68%)

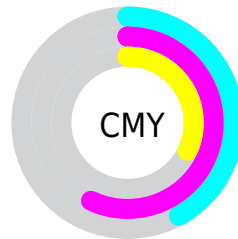


Cyan (15%)

Magenta (36%)

Yellow (0%)

Black (32%)



Cyan (42%)


Magenta (57%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.2450, 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 128.2450, 22.0642, 16.4481 by changing the saturation by 10% instead.


 128.2450, 22.0642,
16.4481


 128.2450, 22.0642,
16.4481

255.0000, 0.0000,
0.0000


 102.7180, 21.3380,
16.0333


 181.5980, 23.3692,
17.8926


 78.4790, 20.4699,
14.4889


 208.7830, 22.7850,
18.6073


 54.6530, 19.8911,
13.4593

 232.6940, 10.9969,
19.5624

 32.1260, 19.1649,
13.0445

 249.7170, 2.6045,
4.6332

 13.6590, 17.4231,
11.7001

 3.6650, 11.5042,
-3.2142

 0.0000, 0.0000,

0.0000

■ 128.2450, 22.0642,
16.4481

■ 128.2450, 22.0642,
16.4481

■ 116.1730, 28.0157,
20.8963

■ 140.3170, 16.1127,
12.0000

■ 103.5140, 34.2566,
25.8592

■ 152.9760, 9.8718,
7.0370

■ 91.4420, 40.2081,
30.3074

■ 165.0480, 3.9203,
2.5889

■ 79.0710, 46.3070,
34.1407

■ 177.4190, -2.1786,
-1.2445

■ 66.9990, 52.2585,
38.5889

■ 190.0780, -8.4195,
-6.2074

■ 54.3400, 58.4994,
43.5518

■ 202.1500,
-14.3710, -10.6556

■ 50.2200, 60.5305,
45.4111

■ 214.2220,
-20.3224, -15.1037

■ 226.2940,
-26.2739, -19.5518

■ 232.4960,
-29.3315, -18.8520

Harmonies

Analogous

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



122.7500, 32.6613, -22.5828



128.2450, 22.0642, 16.4481



127.4520, 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.



128.2450, 22.0642, 16.4481



122.7720, -30.9466, 32.6490



99.2000, 19.6214, -86.9984

Complementary

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



128.2450, 22.0642, 16.4481



154.7550, -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.



106.4090, -0.6946, -57.3637



128.2450, 22.0642, 16.4481



120.6180, -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.



128.2450, 22.0642, 16.4481



124.2870, -21.8335, 49.7373



116.1890, -20.3062, -20.3368



101.5600, 33.7409, -89.0681

Rectangle

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



128.2450, 22.0642, 16.4481



126.4610, -2.1993, 52.2157



116.1890, -20.3062, -20.3368



97.9460, 14.8166, -85.8986

Sweetspot

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



128.2450, 22.0642, 16.4481



206.9220, 8.4195, 6.2074



132.4440, 19.9941, -19.6834



101.9880, 4.9359, 3.5185



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



128.2450, 22.0642, 16.4481



154.5140, 34.2566, 25.8592



135.4490, 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.



131.8010, 2.0701, 36.1315



159.8620, 3.0260, 56.2490



147.5510, -16.0476, -32.9322



81.1470, 0.4205, 5.1331



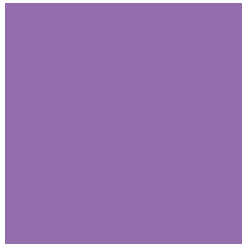
51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 128.2450, 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 128.2450, 22.0642, 16.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

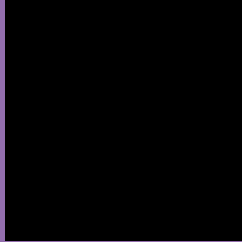
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.2450, 22.0642, 16.4481

Background



This preview shows how black text looks on a background with the YUV color 128.2450, 22.0642, 16.4481.



This preview shows how white text looks on a background with the YUV color 128.2450, 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

128.2450, 22.0642, 16.4481

Protanopia

124.4580, 28.8612, -17.0647

Deuteranopia

124.7700, 22.2984, -12.0763



Tritanopia

126.3050, 0.8356, 12.0105

Trichromacy



Original Color

128.2450, 22.0642, 16.4481

Protanomaly

125.5520, 26.3499, -4.8691

Deuteranomaly

125.8360, 22.2659, -1.6102

Tritanomaly

127.2650, 8.2504, 13.7996

Monochromacy



Original Color

128.2450, 22.0642, 16.4481

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8080, 7.9827, 6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2450, 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(147, 110, 173)` looks like.

```
.text, #text, p{  
    color:rgb(147, 110, 173)  
}
```

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(147, 110, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 110, 173) }
```

Border

The CSS property to change the border of an element to YUV 128.2450, 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(147, 110, 173) }
```


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

```
.border{ border-color:rgb(147, 110, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 110, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 110, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 110, 173);  
box-shadow:4px 4px 4px 4px rgb(147, 110,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 128.2450, 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(147, 110, 173) }
```

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

```
.background{ background-color: rgb(147,  
110, 173) }
```

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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