

Converting Colors

YUV(112.7930, 7.4971, 22.1065)

Have a look what the booklet for
YUV(112.7930, 7.4971, 22.1065)
contains.

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Color

**YUV(112.7930, 7.4971,
22.1065)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6180
RGB	138, 97, 128
RGB Percent	54%, 38%, 50%
CMY	0.4588, 0.6196, 0.4980
CMYK	0.00, 0.30, 0.07, 0.46
HSL	315°, 17%, 46%
HSV	315°, 30%, 54%
XYZ	18.6522, 15.5112, 22.4330
YIQ	112.7930, 14.4850, 18.3330

Conversions

Conversions Part 2

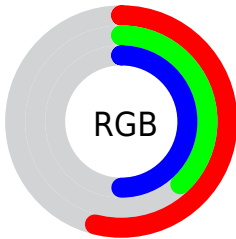
Format	Color
R_{YB}	138, 97, 128
Decimal	9068928
CIE _{Lab}	46.33, 21.91, -10.66
CIE _{LCh}	46, 24.368, 334.046
Yxy	15.5112, 0.3296, 0.2741
Android (android.graphics.Color)	4287259008 (0xFF8A6180)
YUV	112.7930, 7.4971, 22.1065
Hunter-Lab	39.3842, 15.6145, -6.2022

Details

The YUV color **112.7930, 7.4971, 22.1065** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.2070, -7.4971, -22.1065**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9180, 7.9284, 23.7509**, and **64.3690, 7.2131, 19.8474** is the 20% darker color. If you saturate the color by 10%, you get **104.2330, 10.2381, 29.6137**, and if you desaturate by 10%, it is **121.3530, 4.7560, 14.5994**.

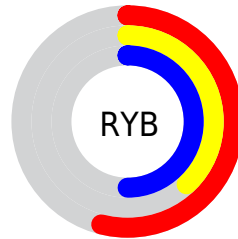
Distribution



Red (54%)

Green (38%)

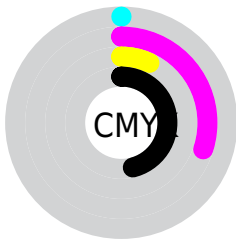
Blue (50%)



Red (54%)

Yellow (38%)

Blue (50%)

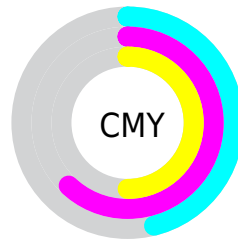


Cyan (0%)

Magenta (30%)

Yellow (7%)

Black (46%)



Cyan (46%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.7930, 7.4971, 22.1065 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 112.7930, 7.4971, 22.1065 by changing the saturation by 10% instead.

 112.7930, 7.4971,
22.1065


 112.7930, 7.4971,
22.1065

255.0000, 0.0000,
0.0000

 88.0810, 7.3551,
20.9770

 164.9180, 7.9284,
23.7509


 64.3690, 7.2131,
19.8474


 192.2170, 7.7810,
24.3657


 41.6570, 7.0711,
18.7178

 220.0430, 8.3598,
25.3953

 19.0700, 7.3605,
19.2326

 240.9120, 6.9454,
12.3552

 4.5430, 3.1833,
5.6628

 0.0000, 0.0000,
0.0000

■ 112.7930, 7.4971,
22.1065

■ 112.7930, 7.4971,
22.1065

■ 104.2330, 10.2381,
29.6137

■ 121.3530, 4.7560,
14.5994

■ 95.5590, 12.5424,
37.2208

■ 130.0270, 2.4517,
6.9923

■ 87.5860, 14.9941,
44.2131

■ 138.0000, 0.0000,
0.0000

■ 79.0260, 17.7352,
51.7202

■ 146.5600, -2.7411,
-7.5071

■ 70.3520, 20.0395,
59.3273

■ 155.2340, -5.0454,
-15.1142

■ 61.7920, 22.7805,
66.8344


■ 163.7940, -7.7864,
-22.6213

■ 53.1180, 25.0848,
74.4415

■ 172.4680,
-10.0907, -30.2284

■ 180.4410,

-12.5424, -37.2208

 189.0010,
-15.2835, -44.7279

Harmonies

Analogous

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



111.5610, 15.9924, 3.8930



112.7930, 7.4971, 22.1065



112.0410, -1.9922, 32.4130

Triad

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



112.7930, 7.4971, 22.1065



108.0280, -19.2408, 11.3764



96.8500, 17.3290, -51.6114

Complementary

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



112.7930, 7.4971, 22.1065



122.2070, -7.4971, -22.1065

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.



99.0440, 6.3873, -42.1346



112.7930, 7.4971, 22.1065



105.6560, -15.1134, -5.8373

Square

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



112.7930, 7.4971, 22.1065



109.5720, -17.5370, 24.9314



102.6520, -5.7444, -24.2508



101.7680, 21.8064, -41.0155

Rectangle

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



112.7930, 7.4971, 22.1065



111.3310, -8.5442, 33.9127



102.6520, -5.7444, -24.2508



97.0520, 14.2714, -50.9116

Sweetspot

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



112.7930, 7.4971, 22.1065



168.5650, 3.1725, 9.1515



104.6640, 16.4346, 2.0487



82.9020, 2.0203, 5.3479



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



112.7930, 7.4971, 22.1065



139.0210, 11.8216, 35.0616



110.5130, -1.2389, 24.1061



64.6630, 1.1521, 3.8035



51.1670, 24.0747, 71.7675



1.9510, 1.0102, 2.6740

Inverse Universe

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



112.7930, 7.4971, 22.1065



139.0210, 11.8216, 35.0616



124.4870, 1.2389, -24.1061



64.6630, 1.1521, 3.8035



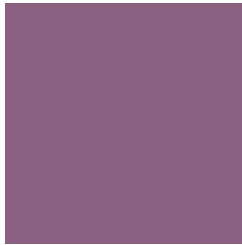
51.1670, 24.0747, 71.7675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 112.7930, 7.4971, 22.1065 looks on a white background.

Color Contrast Check

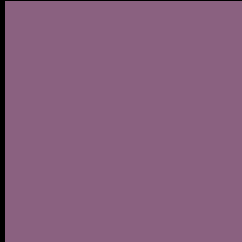
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.7930, 7.4971, 22.1065 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 112.7930, 7.4971, 22.1065

Background



This preview shows how black text looks on a background with the YUV color 112.7930, 7.4971, 22.1065.



This preview shows how white text looks on a background with the YUV color 112.7930, 7.4971,

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

112.7930, 7.4971, 22.1065

Protanopia

110.5830, 12.5306, -5.7733

Deuteranopia

110.9600, 7.4147, 1.7891



Tritanopia

112.2630, -2.1017, 20.8173

Trichromacy



Original Color

112.7930, 7.4971, 22.1065

Protanomaly

111.4810, 10.6089, 3.9632

Deuteranomaly

111.4170, 7.6824, 9.2813

Tritanomaly

112.7730, 1.0979, 21.2471

Monochromacy



Original Color

112.7930, 7.4971, 22.1065

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7390, 2.5937, 8.1219

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7930, 7.4971, 22.1065 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(138, 97, 128)` looks like.

```
.text, #text, p{  
    color:rgb(138, 97, 128)  
}
```

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(138, 97, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 97, 128) }
```

Border

The CSS property to change the border of an element to YUV 112.7930, 7.4971, 22.1065 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(138, 97, 128) }
```


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

```
.border{ border-color:rgb(138, 97, 128) }
```

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

Here you see how a box with a 4 pixel rgb(138, 97, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 97, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 97, 128);  
box-shadow:4px 4px 4px 4px rgb(138, 97,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 112.7930, 7.4971, 22.1065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 97, 128) }
```

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

```
.background{ background-color: rgb(138, 97,  
128) }
```

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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