

Converting Colors

YUV(122.9840, 21.2069,
11.4150)

Have a look what the booklet for
YUV(122.9840, 21.2069, 11.4150)
contains.

YUV(122.9840, 21.2069, 11.4150)	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(122.9840, 21.2069,
11.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	886CA6
RGB	136, 108, 166
RGB Percent	53%, 42%, 65%
CMY	0.4667, 0.5765, 0.3490
CMYK	0.18, 0.35, 0.00, 0.35
HSL	269°, 25%, 54%
HSV	269°, 35%, 65%
XYZ	22.3988, 18.7125, 38.5077
YIQ	122.9840, -1.9300, 23.9740

Conversions

Conversions Part 2

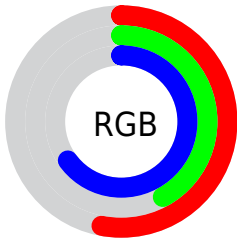
Format	Color
R_{YB}	136, 108, 166
Decimal	8940710
CIE _{Lab}	50.35, 22.85, -27.04
CIE _{LCh}	50, 35.403, 310.200
Yxy	18.7125, 0.2813, 0.2350
Android (android.graphics.Color)	4287130790 (0xFF886CA6)
YUV	122.9840, 21.2069, 11.4150
Hunter-Lab	43.2580, 16.7252, -22.4986

Details

The YUV color **122.9840, 21.2069, 11.4150** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **151.0160, -21.2069, -11.4150**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9240, 22.2225, 12.3447**, and **73.6310, 19.9019, 9.9706** is the 20% darker color. If you saturate the color by 10%, you get **110.3140, 27.4532, 14.6336**, and if you desaturate by 10%, it is **135.6540, 14.9606, 8.1964**.

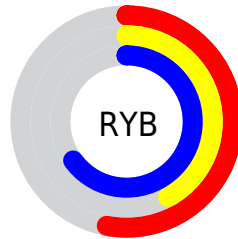
Distribution



Red (53%)

Green (42%)

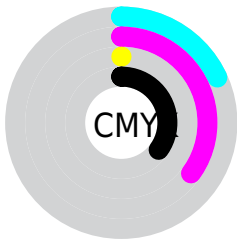
Blue (65%)



Red (53%)

Yellow (42%)

Blue (65%)

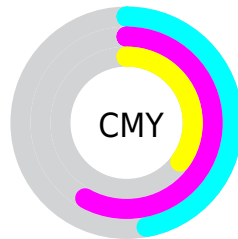


Cyan (18%)

Magenta (35%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.9840, 21.2069, 11.4150 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 122.9840, 21.2069, 11.4150 by changing the saturation by 10% instead.

■ 122.9840, 21.2069,
11.4150

■ 122.9840, 21.2069,
11.4150

■ 255.0000, 0.0000,
0.0000

■ 98.0440, 20.1913,
10.4854

■ 175.9240, 22.2225,
12.3447

■ 73.6310, 19.9019,
9.9706

■ 203.4510, 22.9487,
12.7595

■ 50.6910, 18.8863,
9.0410

■ 229.1280, 12.7549,
15.6737

■ 28.4520, 18.0182,
7.4966

■ 247.9560, 3.4727,
6.1776

■ 10.8820, 15.8342,
7.9965

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 122.9840, 21.2069,
11.4150

■ 122.9840, 21.2069,
11.4150

■ 110.3140, 27.4532,
14.6336

■ 135.6540, 14.9606,
8.1964

■ 98.5300, 33.2627,
17.9522

■ 147.4380, 9.1511,
4.8779

■ 85.8600, 39.5090,
21.1708

■ 160.1080, 2.9048,
1.6593

■ 74.0760, 45.3185,
24.4893

■ 171.8920, -2.9048,
-1.6593

■ 61.4060, 51.5648,
27.7079

■ 184.5620, -9.1511,
-4.8779

■ 48.7360, 57.8112,
30.9265

■ 197.2320,
-15.3974, -8.0965

42.8440, 60.7159,
32.5858

209.0160,
-21.2069, -11.4150

221.6860,
-27.4532, -14.6336

232.2960,
-32.6839, -16.9226

Harmonies

Analogous

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



117.1690, 30.4827, -23.8272



122.9840, 21.2069, 11.4150



122.9350, 8.9060, 36.8910

Triad

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



122.9840, 21.2069, 11.4150



118.6840, -27.4522, 31.8491



93.9510, 17.2792, -82.3950

Complementary

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



122.9840, 21.2069, 11.4150



151.0160, -21.2069, -11.4150

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.



105.9760, -3.9322, -45.5830



122.9840, 21.2069, 11.4150



116.0250, -28.1133, 10.5021

Square

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



122.9840, 21.2069, 11.4150



120.3620, -18.9125, 46.1635



112.6350, -20.0331, -14.5889



96.6700, 30.2357, -84.7796

Rectangle

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



122.9840, 21.2069, 11.4150



121.8840, -0.4358, 46.5827



112.6350, -20.0331, -14.5889



92.8110, 12.9112, -81.3952

Sweetspot

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



122.9840, 21.2069, 11.4150



200.7970, 7.9881, 4.5630



132.8090, 16.3632, -21.7575



99.6890, 5.0833, 2.9037



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



122.9840, 21.2069, 11.4150



149.5300, 33.2627, 17.9522



131.3560, 17.0795, 28.6288



78.1080, 2.9048, 1.6593



38.1010, 54.1802, 28.8524



5.2700, 7.2619, 4.1482

Inverse Universe

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



128.7620, 4.5543, 32.6577



158.5670, 7.1155, 51.2457



142.6440, -17.0795, -28.6288



78.8480, 0.5679, 4.5183



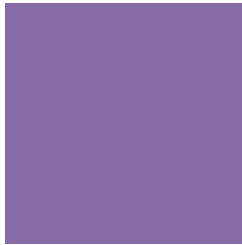
52.9160, 11.3804, 83.3887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 122.9840, 21.2069, 11.4150 looks on a white background.

Color Contrast Check

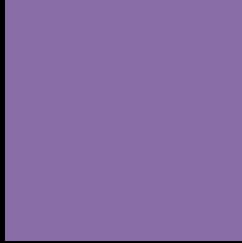
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.9840, 21.2069, 11.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

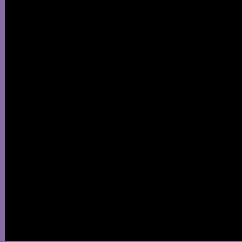
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.9840, 21.2069, 11.4150

Background



This preview shows how black text looks on a background with the YUV color 122.9840, 21.2069, 11.4150.



This preview shows how white text looks on a background with the YUV color 122.9840, 21.2069, 11.4150.

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

122.9840, 21.2069, 11.4150

Protanopia

119.6000, 26.8192, -15.4352

Deuteranopia

119.9550, 21.7142, -11.3615



Tritanopia

120.9130, 2.0149, 7.0923

Trichromacy



Original Color

122.9840, 21.2069, 11.4150

Protanomaly

120.4980, 24.8975, -5.6987

Deuteranomaly

121.0100, 21.6871, -2.6398

Tritanomaly

121.7590, 8.9928, 8.9814

Monochromacy



Original Color

122.9840, 21.2069, 11.4150

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3840, 7.6987, 4.0482

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9840, 21.2069, 11.4150 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(136, 108, 166)` looks like.

```
.text, #text, p{  
    color:rgb(136, 108, 166)  
}
```

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(136, 108, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 108, 166) }
```

Border

The CSS property to change the border of an element to YUV 122.9840, 21.2069, 11.4150 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(136, 108, 166) }
```


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

```
.border{ border-color:rgb(136, 108, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 108, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 108, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 108, 166);  
box-shadow:4px 4px 4px 4px rgb(136, 108,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 122.9840, 21.2069, 11.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 108, 166) }
```

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

```
.background{ background-color: rgb(136,  
108, 166) }
```

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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