

Converting Colors

YUV(129.8520, 11.4120,
26.4398)

Have a look what the booklet for
YUV(129.8520, 11.4120, 26.4398)
contains.

YUV(129.8520, 11.4120, 26.4398)	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(129.8520, 11.4120,
26.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	A06E99
RGB	160, 110, 153
RGB Percent	63%, 43%, 60%
CMY	0.3725, 0.5686, 0.4000
CMYK	0.00, 0.31, 0.04, 0.37
HSL	308°, 21%, 53%
HSV	308°, 31%, 63%
XYZ	25.8229, 20.9254, 32.8150
YIQ	129.8520, 15.9970, 23.9730

Conversions

Conversions Part 2

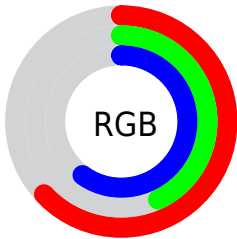
Format	Color
R_{YB}	160, 110, 153
Decimal	10514073
CIE Lab	52.87, 26.99, -15.35
CIE LCh	53, 31.054, 330.368
Yxy	20.9254, 0.3246, 0.2630
Android (android.graphics.Color)	4288704153 (0xFFA06E99)
YUV	129.8520, 11.4120, 26.4398
Hunter-Lab	45.7442, 20.7119, -10.5112

Details

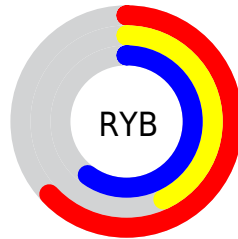
The YUV color **129.8520, 11.4120, 26.4398** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **140.1480, -11.4120, -26.4398**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9770, 11.8433, 28.0842**, and **79.7270, 10.9806, 24.7954** is the 20% darker color. If you saturate the color by 10%, you get **120.2320, 15.1686, 34.8765**, and if you desaturate by 10%, it is **139.4720, 7.6553, 18.0031**.

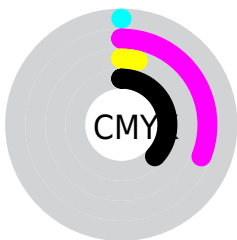
Distribution



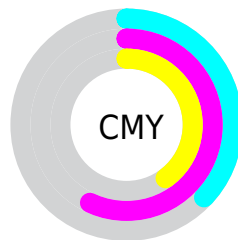
- Red (63%)
- Green (43%)
- Blue (60%)



- Red (63%)
- Yellow (43%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (37%)



- Cyan (37%)
- Magenta (57%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8520, 11.4120, 26.4398 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 129.8520, 11.4120, 26.4398 by changing the saturation by 10% instead.

129.8520, 11.4120,
26.4398

129.8520, 11.4120,
26.4398

255.0000, 0.0000,
0.0000

104.1400, 11.2700,
25.3102

182.9770, 11.8433,
28.0842

79.7270, 10.9806,
24.7954

211.3900, 12.1327,
28.5990

56.0150, 10.8386,
23.6658

233.2810, 10.7075,
19.0476

32.7160, 10.9860,
23.0511

249.7170, 2.6045,
4.6332

15.2380, 9.2497,
19.9623

0.7980, 3.0576,
-0.6998

0.0000, 0.0000,

0.0000

■ 129.8520, 11.4120,
26.4398

■ 129.8520, 11.4120,
26.4398

■ 120.2320, 15.1686,
34.8765

■ 139.4720, 7.6553,
18.0031

■ 110.6120, 18.9253,
43.3133

■ 149.0920, 3.8986,
9.5663

■ 100.8780, 22.2451,
51.8500

■ 158.8260, 0.5788,
1.0296

■ 91.2580, 26.0018,
60.2867

■ 168.4460, -3.1779,
-7.4071

■ 81.6380, 29.7585,
68.7235

■ 178.0660, -6.9345,
-15.8439

■ 72.0180, 33.5151,
77.1602

■ 187.6860,
-10.6912, -24.2806

■ 63.5720, 36.6930,
84.5674

■ 197.4200,
-14.0111, -32.8173

■ 207.0400,
-17.7677, -41.2541

■ 216.6600,
-21.5244, -49.6908

Harmonies

Analogous

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



128.3310, 21.5288, 1.4637



129.8520, 11.4120, 26.4398



128.7370, -0.8563, 41.4497

Triad

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



129.8520, 11.4120, 26.4398



124.3400, -25.8036, 16.3648



99.5080, 25.8786, -87.2685

Complementary

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



129.8520, 11.4120, 26.4398



140.1480, -11.4120, -26.4398

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.



110.2980, 7.7411, -56.3893



129.8520, 11.4120, 26.4398



121.7610, -21.0812, -5.0524

Square

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



129.8520, 11.4120, 26.4398



126.0740, -22.2215, 34.1381



117.1090, -8.9277, -29.9136



110.2040, 30.4654, -65.0769

Rectangle

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



129.8520, 11.4120, 26.4398



127.8700, -9.3029, 43.9640



117.1090, -8.9277, -29.9136



102.1840, 20.6153, -79.0914

Sweetspot

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



129.8520, 11.4120, 26.4398



197.5050, 4.1880, 10.0811



117.7930, 20.8081, -0.6955



97.7280, 2.5991, 6.3775



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



129.8520, 11.4120, 26.4398



161.3730, 18.0571, 41.7689



127.0020, 0.4920, 28.9392



74.1900, 1.8783, 4.2184



56.7790, 32.6470, 75.6158



5.9670, 3.4673, 7.9219

Inverse Universe

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



129.8520, 11.4120, 26.4398



161.3730, 18.0571, 41.7689



142.9980, -0.4920, -28.9392



74.1900, 1.8783, 4.2184



56.7790, 32.6470, 75.6158



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 129.8520, 11.4120, 26.4398 looks on a white background.

Color Contrast Check

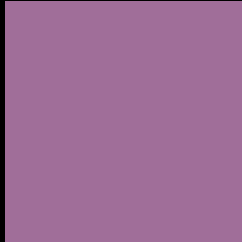
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8520, 11.4120, 26.4398 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 129.8520, 11.4120, 26.4398

Background



This preview shows how black text looks on a background with the YUV color 129.8520, 11.4120, 26.4398.



This preview shows how white text looks on a background with the YUV color 129.8520, 11.4120,

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

129.8520, 11.4120, 26.4398

Protanopia

126.7550, 18.3618, -9.4321

Deuteranopia

127.8610, 10.9145, -0.7551



Tritanopia

128.2850, -2.1125, 24.3061

Trichromacy



Original Color

129.8520, 11.4120, 26.4398

Protanomaly

128.1480, 15.7030, 3.3782

Deuteranomaly

128.6280, 11.0294, 9.0962

Tritanomaly

128.6640, 3.1236, 24.8507

Monochromacy



Original Color

129.8520, 11.4120, 26.4398

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0920, 3.8986, 9.5663

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8520, 11.4120, 26.4398 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(160, 110, 153)` looks like.

```
.text, #text, p{  
    color:rgb(160, 110, 153)  
}
```

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(160, 110, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 110, 153) }
```

Border

The CSS property to change the border of an element to YUV 129.8520, 11.4120, 26.4398 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(160, 110, 153) }
```


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

```
.border{ border-color:rgb(160, 110, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 110, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 110, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 110, 153);  
box-shadow:4px 4px 4px 4px rgb(160, 110,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 129.8520, 11.4120, 26.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 110, 153) }
```

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

```
.background{ background-color: rgb(160,  
110, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor