

# Converting Colors

YUV(152.5620, 14.5129,  
11.7851)

Have a look what the booklet for  
YUV(152.5620, 14.5129, 11.7851)  
contains.

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# Color

**YUV(152.5620, 14.5129,  
11.7851)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A68CB6
RGB	166, 140, 182
RGB Percent	65%, 55%, 71%
CMY	0.3490, 0.4510, 0.2863
CMYK	0.09, 0.23, 0.00, 0.29
HSL	277°, 22%, 63%
HSV	277°, 23%, 71%
XYZ	33.5475, 30.2406, 48.3248
YIQ	152.5620, 2.0140, 18.5740

# Conversions

## Conversions Part 2

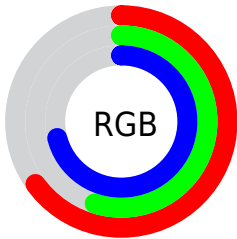
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 140, 182
Decimal	10914998
CIELab	61.86, 17.75, -18.31
CIELCh	62, 25.501, 314.097
Yxy	30.2406, 0.2992, 0.2697
Android (android.graphics.Color)	4289105078 (0xFFA68CB6)
YUV	152.5620, 14.5129, 11.7851
Hunter-Lab	54.9914, 12.6588, -13.6083

# Details

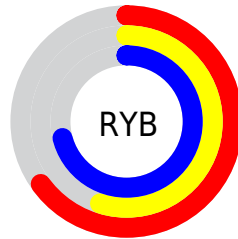
The YUV color **152.5620, 14.5129, 11.7851** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **169.4380, -14.5129, -11.7851**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0890, 15.2391, 12.1999**, and **101.6220, 13.4974, 10.8555** is the 20% darker color. If you saturate the color by 10%, you get **139.9030, 20.7538, 16.7481**, and if you desaturate by 10%, it is **165.2210, 8.2720, 6.8222**.

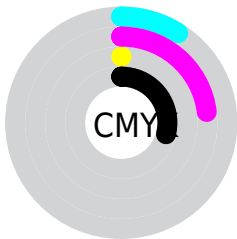
# Distribution



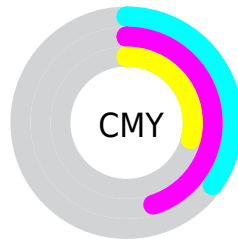
- Red (65%)
- Green (55%)
- Blue (71%)



- Red (65%)
- Yellow (55%)
- Blue (71%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (29%)



- Cyan (35%)
- Magenta (45%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.5620, 14.5129, 11.7851 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 152.5620, 14.5129, 11.7851 by changing the saturation by 10% instead.



■ 152.5620, 14.5129,  
11.7851

■ 152.5620, 14.5129,  
11.7851

255.0000, 0.0000,  
0.0000

■ 126.1490, 14.2235,  
11.2703

■ 207.0890, 15.2391,  
12.1999

■ 101.6220, 13.4974,  
10.8555

■ 234.1340, 10.2869,  
13.9145

■ 77.2090, 13.2080,  
10.3407

■ 252.0650, 1.4470,  
2.5740

■ 54.3830, 12.6292,  
9.3111

■ 32.5570, 12.0504,  
8.2815

■ 11.1660, 11.7502,  
11.2554

■ 1.1400, 4.3680,

-0.9998

0.0000, 0.0000,  
0.0000

152.5620, 14.5129,  
11.7851

152.5620, 14.5129,  
11.7851

139.9030, 20.7538,  
16.7481

165.2210, 8.2720,  
6.8222

127.2440, 26.9947,  
21.7110

177.8800, 2.0312,  
1.8592

113.9980, 33.5250,  
27.1888

191.1260, -4.4991,  
-3.6185

101.3390, 39.7659,  
32.1517

203.7850,  
-10.7400, -8.5814

88.6800, 46.0068,  
37.1146

216.4440,  
-16.9809, -13.5444

76.0210, 52.2476,  
42.0776

229.1030,  
-23.2218, -18.5073

63.3620, 58.4885,  
47.0405

234.7180,  
-25.9900, -17.2927

54.5350, 62.8402,  
51.2738

236.5120,  
-26.8744, -13.6040

238.6050,  
-27.9063, -9.3006

# Harmonies

## Analogous

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



149.5420, 21.4248, -11.8763



152.5620, 14.5129, 11.7851



153.0390, 4.4178, 29.7838

# Triad

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



152.5620, 14.5129, 11.7851



149.2360, -21.3153, 23.4720



138.1510, 10.7716, -48.3674

# Complementary

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



152.5620, 14.5129, 11.7851



169.4380, -14.5129, -11.7851

# 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.



141.1070, -2.5178, -32.5428



152.5620, 14.5129, 11.7851



146.9520, -20.6823, 7.0581

# Square

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



152.5620, 14.5129, 11.7851



151.0940, -15.8223, 34.9976



143.9540, -13.7813, -13.1147



138.9580, 20.2337, -49.9522



# Rectangle

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



152.5620, 14.5129, 11.7851



152.8350, -2.8767, 36.1017



143.9540, -13.7813, -13.1147



139.0330, 6.3927, -43.8789

# Sweetspot

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



152.5620, 14.5129, 11.7851



225.8140, 5.5147, 4.5481



154.1800, 13.7153, -12.4359



112.9340, 3.4835, 2.6889



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



152.5620, 14.5129, 11.7851



190.7830, 22.7850, 18.6073



156.7760, 9.9704, 22.1214



85.5210, 3.1941, 2.1741



46.4880, 53.9894, 43.4220



8.2750, 9.7244, 7.6518



# Inverse Universe

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



154.3820, 0.7977, 24.2210



193.5840, 1.1911, 38.0758



165.2240, -9.9704, -22.1214



86.0330, -0.0163, 5.2331



53.3700, 2.7756, 90.0065

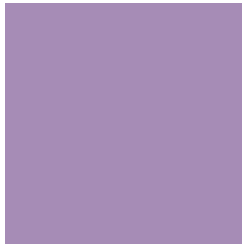


9.6260, 0.6774, 16.1140



# Previews

## White Background



This preview shows how the YUV color 152.5620, 14.5129, 11.7851 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

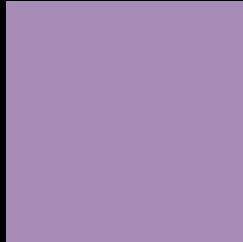
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.5620, 14.5129, 11.7851 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

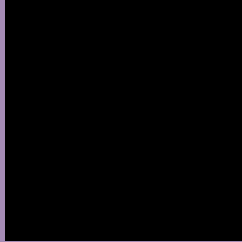
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 152.5620, 14.5129, 11.7851 Background



This preview shows how black text looks on a background with the YUV color 152.5620, 14.5129, 11.7851.



This preview shows how white text looks on a background with the YUV color 152.5620, 14.5129, 11.7851.



# 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

152.5620, 14.5129, 11.7851

### Protanopia

150.1680, 18.6512, -8.9173

### Deuteranopia

150.8870, 14.8457, -1.6549



## Tritanopia

151.3370, 2.2989, 9.3515

# Trichromacy



## Original Color

152.5620, 14.5129, 11.7851

## Protanomaly

150.8700, 17.3191, -1.6400

## Deuteranomaly

151.5070, 14.5400, 3.0634

## Tritanomaly

151.4880, 6.6614, 10.0960

# Monochromacy



## Original Color

152.5620, 14.5129, 11.7851

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

152.8140, 5.5147, 4.5481

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.5620, 14.5129, 11.7851 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(166, 140, 182)` looks like.

```
.text, #text, p{  
    color:rgb(166, 140, 182)  
}
```

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(166, 140, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 140, 182) }
```

## Border

The CSS property to change the border of an element to YUV 152.5620, 14.5129, 11.7851 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(166, 140, 182) }
```



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

```
.border{ border-color:rgb(166, 140, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 140, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 140, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 140, 182);  
box-shadow:4px 4px 4px 4px rgb(166, 140,  
182) }
```

# Background

The CSS property to change the background color of an element to YUV 152.5620, 14.5129, 11.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 140, 182) }
```

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

```
.background{ background-color: rgb(166,  
140, 182) }
```

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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