

# Converting Colors

YUV(128.5280, 6.1487, 34.6169)

Have a look what the booklet for  
YUV(128.5280, 6.1487, 34.6169)  
contains.

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# Color

**YUV(128.5280, 6.1487,  
34.6169)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A86A8D
RGB	168, 106, 141
RGB Percent	66%, 42%, 55%
CMY	0.3412, 0.5843, 0.4471
CMYK	0.00, 0.37, 0.16, 0.34
HSL	326°, 26%, 54%
HSV	326°, 37%, 66%
XYZ	26.1102, 20.5560, 27.7908
YIQ	128.5280, 25.7170, 24.0290

# Conversions

## Conversions Part 2

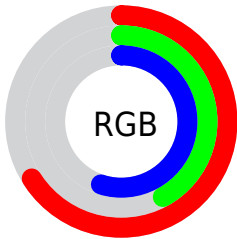
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 106, 141
Decimal	11037325
CIE <sub>Lab</sub>	52.46, 29.95, -8.83
CIE <sub>LCh</sub>	52, 31.221, 343.570
Yxy	20.5560, 0.3507, 0.2761
Android (android.graphics.Color)	4289227405 (0xFFA86A8D)
YUV	128.5280, 6.1487, 34.6169
Hunter-Lab	45.3387, 23.4540, -4.6053

# Details

The YUV color **128.5280, 6.1487, 34.6169** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **145.4720, -6.1487, -34.6169**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9520, 6.4327, 36.8761**, and **78.2180, 6.3015, 32.2578** is the 20% darker color. If you saturate the color by 10%, you get **117.7510, 8.0108, 44.0684**, and if you desaturate by 10%, it is **139.3050, 4.2866, 25.1655**.

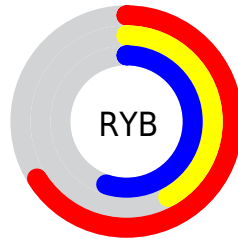
# Distribution



Red (66%)

Green (42%)

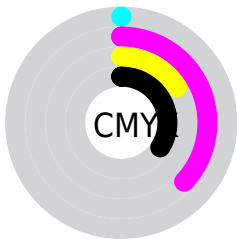
Blue (55%)



Red (66%)

Yellow (42%)

Blue (55%)

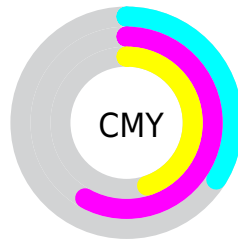


Cyan (0%)

Magenta (37%)

Yellow (16%)

Black (34%)



Cyan (34%)

Magenta (58%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.5280, 6.1487, 34.6169 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 128.5280, 6.1487, 34.6169 by changing the saturation by 10% instead.





 128.5280, 6.1487,  
34.6169


 128.5280, 6.1487,  
34.6169


255.0000, 0.0000,  
0.0000


 102.8160, 6.0067,  
33.4874

 181.9520, 6.4327,  
36.8761

 78.2180, 6.3015,  
32.2578


 210.2510, 6.2853,  
37.4909

 53.6200, 6.5963,  
31.0283

 229.8900, 10.4072,  
22.0215

 29.5490, 7.6173,  
30.2135

 247.3690, 3.7621,  
6.6924

 15.4080, 4.7289,  
23.3212

 0.0000, 0.0000,  
0.0000

128.5280, 6.1487,  
34.6169

128.5280, 6.1487,  
34.6169

117.7510, 8.0108,  
44.0684

139.3050, 4.2866,  
25.1655

106.8600, 9.4360,  
53.6198

150.1960, 2.8614,  
15.6141

96.6700, 11.0087,  
62.5564

160.3860, 1.2887,  
6.6775

85.8930, 12.8708,  
72.0078

171.1630, -0.5734,  
-2.7740

75.0020, 14.2960,  
81.5592

182.0540, -1.9986,  
-12.3254

64.2250, 16.1581,  
91.0107

192.8310, -3.8607,  
-21.7768

61.0620, 16.7314,  
93.7846

203.6080, -5.7227,  
-31.2282

213.9120, -6.8586,

-40.2648

 223.5150, -8.1419,  
-48.6867

# Harmonies

## Analogous

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



128.6700, 17.4177, 13.4444



128.5280, 6.1487, 34.6169



126.9670, -6.3927, 43.8789

# Triad

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



128.5280, 6.1487, 34.6169



121.9260, -24.6135, 7.9579



98.7730, 30.6779, -86.6239

# Complementary

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



128.5280, 6.1487, 34.6169



145.4720, -6.1487, -34.6169

# 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.



103.4900, 16.5204, -72.3437



128.5280, 6.1487, 34.6169



118.5470, -16.5387, -15.3887

# Square

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



128.5280, 6.1487, 34.6169



124.0470, -24.6732, 27.1458



113.1660, -2.0538, -41.3646



114.8900, 30.1272, -49.8925



# Rectangle

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



128.5280, 6.1487, 34.6169



126.1920, -14.3917, 42.8046



113.1660, -2.0538, -41.3646



98.5620, 27.3309, -86.4389

# Sweetspot

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



128.5280, 6.1487, 34.6169



203.7720, 2.5774, 13.3550



121.1410, 23.1015, 10.4003



100.3970, 1.2833, 8.4218



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.



128.5280, 6.1487, 34.6169



157.8600, 9.4360, 53.6198



124.9940, -7.3920, 37.7163



78.8480, 0.5679, 4.5183



53.7140, 14.4380, 82.6888



7.3480, 2.2934, 11.0958



# Inverse Universe

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



128.5280, 6.1487, 34.6169



157.8600, 9.4360, 53.6198



149.0060, 7.3920, -37.7163



78.8480, 0.5679, 4.5183



53.7140, 14.4380, 82.6888

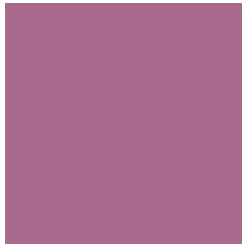


7.3480, 2.2934, 11.0958



# Previews

## White Background



This preview shows how the YUV color 128.5280, 6.1487, 34.6169 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

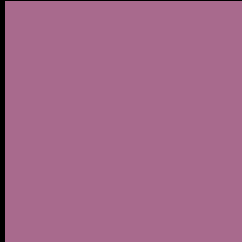
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 128.5280, 6.1487, 34.6169 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

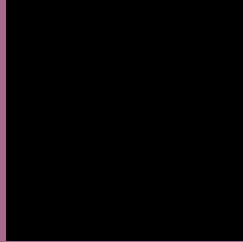
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 128.5280, 6.1487, 34.6169

## Background



This preview shows how black text looks on a background with the YUV color 128.5280, 6.1487, 34.6169.



This preview shows how white text looks on a background with the YUV color 128.5280, 6.1487,



# 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

128.5280, 6.1487, 34.6169

### Protanopia

125.8110, 13.4042, -5.9732

### Deuteranopia

126.8140, 5.5147, 4.5481



## Tritanopia

127.4710, -4.1762, 32.9129

# Trichromacy



## Original Color

128.5280, 6.1487, 34.6169

## Protanomaly

126.6280, 11.0294, 9.0962

## Deuteranomaly

127.2930, 5.7716, 15.5290

## Tritanomaly

128.0950, -0.5398, 33.2427

# Monochromacy



## Original Color

128.5280, 6.1487, 34.6169

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

128.9460, 1.9986, 12.3254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.5280, 6.1487, 34.6169 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(168, 106, 141)` looks like.

```
.text, #text, p{  
    color:rgb(168, 106, 141)  
}
```

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(168, 106, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 106, 141) }
```

## Border

The CSS property to change the border of an element to YUV 128.5280, 6.1487, 34.6169 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(168, 106, 141) }
```



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

```
.border{ border-color:rgb(168, 106, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 106, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 106, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 106, 141);  
box-shadow:4px 4px 4px 4px rgb(168, 106,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 128.5280, 6.1487, 34.6169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 106, 141) }
```

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

```
.background{ background-color: rgb(168,  
106, 141) }
```

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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