

Converting Colors

YUV(136.7140, 0.6340, 30.0688)

Have a look what the booklet for
YUV(136.7140, 0.6340, 30.0688)
contains.

YUV(136.7140, 0.6340, 30.0688)	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(136.7140, 0.6340,
30.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	AB778A
RGB	171, 119, 138
RGB Percent	67%, 47%, 54%
CMY	0.3294, 0.5333, 0.4588
CMYK	0.00, 0.30, 0.19, 0.33
HSL	338°, 24%, 57%
HSV	338°, 30%, 67%
XYZ	27.9789, 23.6866, 27.1421
YIQ	136.7140, 24.8930, 16.9330

Conversions

Conversions Part 2

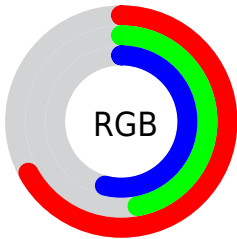
Format	Color
R_{YB}	171, 119, 138
Decimal	11237258
CIE _{Lab}	55.77, 23.24, -2.12
CIE _{LCh}	56, 23.341, 354.777
Yxy	23.6866, 0.3550, 0.3006
Android (android.graphics.Color)	4289427338 (0xFFAB778A)
YUV	136.7140, 0.6340, 30.0688
Hunter-Lab	48.6688, 17.4460, 1.0028

Details

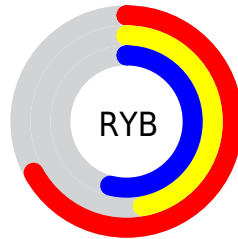
The YUV color **136.7140, 0.6340, 30.0688** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **153.2860, -0.6340, -30.0688**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6110, 0.1918, 31.9132**, and **86.4040, 0.7868, 27.7097** is the 20% darker color. If you saturate the color by 10%, you get **125.4810, 0.7489, 39.9202**, and if you desaturate by 10%, it is **147.9470, 0.5191, 20.2175**.

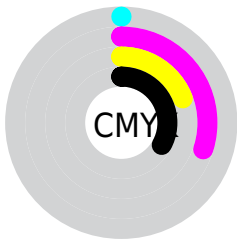
Distribution



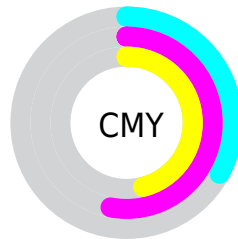
- Red (67%)
- Green (47%)
- Blue (54%)



- Red (67%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (33%)



- Cyan (33%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.7140, 0.6340, 30.0688 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 136.7140, 0.6340, 30.0688 by changing the saturation by 10% instead.

 136.7140, 0.6340,
30.0688

 136.7140, 0.6340,
30.0688

255.0000, 0.0000,
0.0000


 111.1160, 0.9288,
28.8393

 190.6110, 0.1918,
31.9132


 86.4040, 0.7868,
27.7097


 218.0240, 0.4812,
32.4280

 62.5070, 1.2290,
25.8654

 237.7660, 5.0454,
15.1142

 39.3220, 1.8133,
25.1506

 16.9520, 2.9817,
23.7211

 3.8870, -1.9163,
7.9921

 0.0000, 0.0000,

0.0000

■ 136.7140, 0.6340,
30.0688

■ 136.7140, 0.6340,
30.0688

■ 125.4810, 0.7489,
39.9202

■ 147.9470, 0.5191,
20.2175

■ 114.2480, 0.8637,
49.7715

■ 159.1800, 0.4043,
10.3661

■ 103.0150, 0.9786,
59.6228

■ 170.4130, 0.2894,
0.5148

■ 91.8960, 1.5303,
69.3742

■ 181.5320, -0.2623,
-9.2366

■ 80.0760, 1.9345,
79.7403

■ 192.7650, -0.3771,
-19.0879

■ 68.8430, 2.0494,
89.5917

■ 204.5850, -0.7814,
-29.4540

■ 58.1970, 1.8749,
98.9282

■ 215.8180, -0.8963,
-39.3054

■ 226.4640, -0.7218,
-48.6419

■ 227.7180, 4.0830,
-49.7417

Harmonies

Analogous

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



136.7430, 9.9867, 16.8884



136.7140, 0.6340, 30.0688



135.9180, -8.8336, 33.3979

Triad

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



136.7140, 0.6340, 30.0688



131.1190, -17.3137, -0.1044



125.6000, 19.9172, -41.7452

Complementary

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



136.7140, 0.6340, 30.0688



153.2860, -0.6340, -30.0688

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.



123.7430, 12.9447, -45.3786



136.7140, 0.6340, 30.0688



127.8870, -8.8183, -18.3179

Square

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



136.7140, 0.6340, 30.0688



132.6480, -19.5465, 16.0947



125.2360, 1.8557, -35.2870



131.0520, 21.1734, -24.6016

Rectangle

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



136.7140, 0.6340, 30.0688



134.8270, -14.2117, 31.7237



125.2360, 1.8557, -35.2870



124.1220, 18.1809, -44.8340

Sweetspot

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



136.7140, 0.6340, 30.0688



208.7780, 0.1094, 11.5957



134.7950, 17.8491, 15.0888



104.0440, -0.0217, 6.9774



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



136.7140, 0.6340, 30.0688



169.2260, 0.8746, 46.2828



138.6570, -9.6909, 28.3648



81.0330, -0.0163, 5.2331



51.1200, 1.9128, 86.7178



7.7890, 0.1040, 13.3400

Inverse Universe

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



136.7140, 0.6340, 30.0688



169.2260, 0.8746, 46.2828



151.3430, 9.6909, -28.3648



81.0330, -0.0163, 5.2331



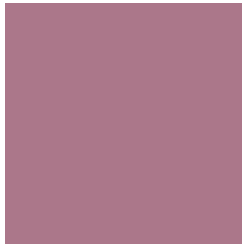
51.1200, 1.9128, 86.7178



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 136.7140, 0.6340, 30.0688 looks on a white background.

Color Contrast Check

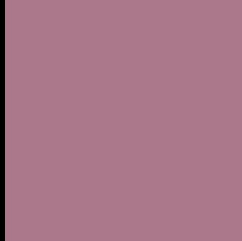
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7140, 0.6340, 30.0688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

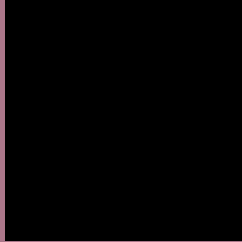
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.7140, 0.6340, 30.0688

Background



This preview shows how black text looks on a background with the YUV color 136.7140, 0.6340, 30.0688.



This preview shows how white text looks on a background with the YUV color 136.7140, 0.6340,

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

136.7140, 0.6340, 30.0688

Protanopia

134.5960, 6.1152, -1.3997

Deuteranopia

135.4680, 0.2623, 9.2366



Tritanopia

136.0900, -3.0024, 29.7391

Trichromacy



Original Color

136.7140, 0.6340, 30.0688

Protanomaly

135.5050, 4.1880, 10.0811

Deuteranomaly

135.9250, 0.5300, 16.7288

Tritanomaly

136.4320, -1.6920, 29.4391

Monochromacy



Original Color

136.7140, 0.6340, 30.0688

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.4790, 0.2569, 10.9809

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7140, 0.6340, 30.0688 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(171, 119, 138)` looks like.

```
.text, #text, p{  
    color:rgb(171, 119, 138)  
}
```

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(171, 119, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 119, 138) }
```

Border

The CSS property to change the border of an element to YUV 136.7140, 0.6340, 30.0688 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(171, 119, 138) }
```


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

```
.border{ border-color:rgb(171, 119, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 119, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 119, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 119, 138);  
box-shadow:4px 4px 4px 4px rgb(171, 119,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 136.7140, 0.6340, 30.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 119, 138) }
```

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

```
.background{ background-color: rgb(171,  
119, 138) }
```

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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