

Converting Colors

YUV(137.2930, 9.2226, 28.6840)

Have a look what the booklet for
YUV(137.2930, 9.2226, 28.6840)
contains.

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Color

**YUV(137.2930, 9.2226,
28.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	AA759C
RGB	170, 117, 156
RGB Percent	67%, 46%, 61%
CMY	0.3333, 0.5412, 0.3882
CMYK	0.00, 0.31, 0.08, 0.33
HSL	316°, 24%, 56%
HSV	316°, 31%, 67%
XYZ	28.9396, 23.6689, 34.4958
YIQ	137.2930, 19.0690, 23.3650

Conversions

Conversions Part 2

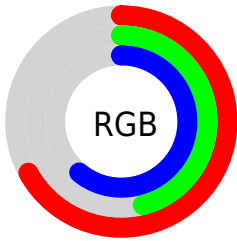
Format	Color
R_{YB}	170, 117, 156
Decimal	11171228
CIE _{Lab}	55.75, 27.09, -12.63
CIE _{LCh}	56, 29.884, 335.004
Yxy	23.6689, 0.3322, 0.2717
Android (android.graphics.Color)	4289361308 (0xFFAA759C)
YUV	137.2930, 9.2226, 28.6840
Hunter-Lab	48.6507, 21.0409, -7.9840

Details

The YUV color **137.2930, 9.2226, 28.6840** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **149.7070, -9.2226, -28.6840**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.4180, 9.6539, 30.3284**, and **86.8690, 8.9386, 26.4249** is the 20% darker color. If you saturate the color by 10%, you get **126.8580, 12.3950, 37.8355**, and if you desaturate by 10%, it is **147.7280, 6.0501, 19.5325**.

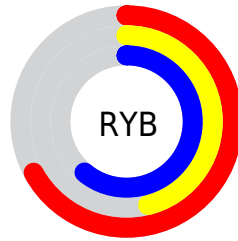
Distribution



Red (67%)

Green (46%)

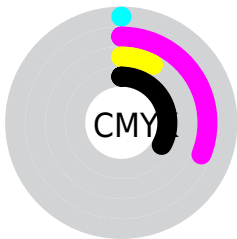
Blue (61%)



Red (67%)

Yellow (46%)

Blue (61%)

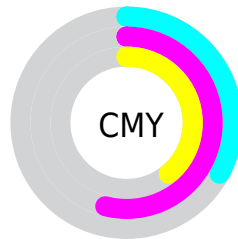


Cyan (0%)

Magenta (31%)

Yellow (8%)

Black (33%)



Cyan (33%)

Magenta (54%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.2930, 9.2226, 28.6840 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 137.2930, 9.2226, 28.6840 by changing the saturation by 10% instead.

 137.2930, 9.2226,
28.6840


 137.2930, 9.2226,
28.6840

255.0000, 0.0000,
0.0000

 111.5810, 9.0806,
27.5545


 191.4180, 9.6539,
30.3284

 86.8690, 8.9386,
26.4249


 219.1300, 9.7959,
31.4580


 62.5700, 9.0860,
25.8101

 237.3900, 8.6817,
15.4440

 38.9720, 9.3808,
24.5806

254.4130, 0.2894,
0.5148

 17.2600, 9.2388,
23.4510

 6.2660, 3.3199,
8.5367

 0.0000, 0.0000,

0.0000

■ 137.2930, 9.2226,
28.6840

■ 137.2930, 9.2226,
28.6840

■ 126.8580, 12.3950,
37.8355

■ 147.7280, 6.0501,
19.5325

■ 116.3090, 15.1307,
47.0870

■ 158.2770, 3.3144,
10.2811

■ 105.8740, 18.3031,
56.2385

■ 168.7120, 0.1420,
1.1296

■ 95.3250, 21.0388,
65.4900

■ 179.2610, -2.5937,
-8.1219

■ 84.8900, 24.2112,
74.6415

■ 189.6960, -5.7661,
-17.2734

■ 74.3410, 26.9469,
83.8929

■ 200.2450, -8.5018,
-26.5249

■ 65.0800, 29.5406,
92.0148

■ 210.6800,
-11.6742, -35.6764

■ 221.2290,
-14.4099, -44.9278

■ 222.8590,
-13.2415, -46.3573

Harmonies

Analogous

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



135.8970, 19.7708, 5.3523



137.2930, 9.2226, 28.6840



136.4550, -3.1823, 40.8200

Triad

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



137.2930, 9.2226, 28.6840



131.2580, -24.7772, 13.8057



114.3360, 23.4984, -70.4547

Complementary

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



137.2930, 9.2226, 28.6840



149.7070, -9.2226, -28.6840

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.



118.6400, 9.0515, -56.6893



137.2930, 9.2226, 28.6840



128.6080, -19.0337, -8.4262

Square

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



137.2930, 9.2226, 28.6840



133.2370, -22.7948, 31.3642



124.6680, -6.7383, -32.1578



122.1130, 28.5383, -53.5961

Rectangle

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



137.2930, 9.2226, 28.6840



135.4030, -11.0447, 42.6196



124.6680, -6.7383, -32.1578



114.7230, 19.8566, -69.0401

Sweetspot

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



137.2930, 9.2226, 28.6840



209.6900, 3.6038, 10.7959



126.9290, 21.2340, 2.6933



104.6140, 2.1623, 6.4775



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.



137.2930, 9.2226, 28.6840



171.3580, 14.1205, 44.4130



134.3290, -2.1342, 31.2835



79.0760, 1.4415, 4.3183



56.6780, 25.7947, 80.0894



7.6900, 3.6038, 10.7959

Inverse Universe

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



137.2930, 9.2226, 28.6840



171.3580, 14.1205, 44.4130



152.6710, 2.1342, -31.2835



79.0760, 1.4415, 4.3183



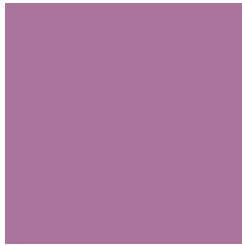
56.6780, 25.7947, 80.0894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 137.2930, 9.2226, 28.6840 looks on a white background.

Color Contrast Check

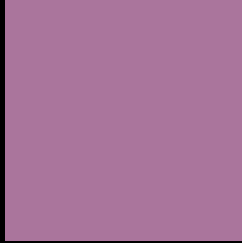
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2930, 9.2226, 28.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

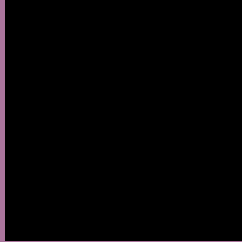
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.2930, 9.2226, 28.6840

Background



This preview shows how black text looks on a background with the YUV color 137.2930, 9.2226, 28.6840.



This preview shows how white text looks on a background with the YUV color 137.2930, 9.2226,

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

137.2930, 9.2226, 28.6840

Protanopia

134.7830, 15.8830, -7.7027

Deuteranopia

135.6010, 8.5777, 2.1039



Tritanopia

136.4810, -2.7021, 26.7652

Trichromacy



Original Color

137.2930, 9.2226, 28.6840

Protanomaly

135.5890, 13.5136, 5.6224

Deuteranomaly

136.3680, 8.6926, 11.9553

Tritanomaly

136.6320, 1.6604, 27.5097

Monochromacy



Original Color

137.2930, 9.2226, 28.6840

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2770, 3.3144, 10.2811

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2930, 9.2226, 28.6840 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(170, 117, 156)` looks like.

```
.text, #text, p{  
    color:rgb(170, 117, 156)  
}
```

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(170, 117, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 117, 156) }
```

Border

The CSS property to change the border of an element to YUV 137.2930, 9.2226, 28.6840 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(170, 117, 156) }
```


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

```
.border{ border-color:rgb(170, 117, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 117, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 117, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 117, 156);  
box-shadow:4px 4px 4px 4px rgb(170, 117,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 137.2930, 9.2226, 28.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 117, 156) }
```

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

```
.background{ background-color: rgb(170,  
117, 156) }
```

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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