

Converting Colors

YUV(136.8290, 16.3533,
28.2140)

Have a look what the booklet for
YUV(136.8290, 16.3533, 28.2140)
contains.

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Color

**YUV(136.8290, 16.3533,
28.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	A972AA
RGB	169, 114, 170
RGB Percent	66%, 45%, 67%
CMY	0.3373, 0.5529, 0.3333
CMYK	0.01, 0.33, 0.00, 0.33
HSL	299°, 25%, 56%
HSV	299°, 33%, 67%
XYZ	29.6352, 23.3719, 40.9795
YIQ	136.8290, 14.8040, 29.0760

Conversions

Conversions Part 2

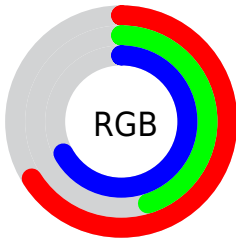
Format	Color
RYB	169, 114, 170
Decimal	11104938
CIELab	55.45, 31.06, -21.20
CIELCh	55, 37.606, 325.678
Yxy	23.3719, 0.3153, 0.2487
Android (android.graphics.Color)	4289295018 (0xFFA972AA)
YUV	136.8290, 16.3533, 28.2140
Hunter-Lab	48.3445, 24.8176, -16.4163

Details

The YUV color **136.8290, 16.3533, 28.2140** is a light color, and the websafe version is hex **996699**. A complement of this color would be **147.1710, -16.3533, -28.2140**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9540, 16.7847, 29.8583**, and **86.2910, 15.6325, 26.0548** is the 20% darker color. If you saturate the color by 10%, you get **126.8500, 21.2730, 36.9656**, and if you desaturate by 10%, it is **146.8080, 11.4337, 19.4624**.

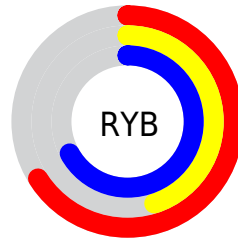
Distribution



Red (66%)

Green (45%)

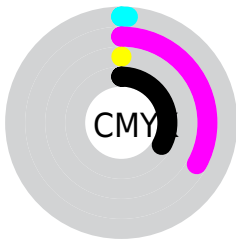
Blue (67%)



Red (66%)

Yellow (45%)

Blue (67%)

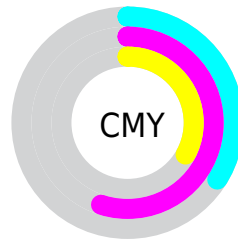


Cyan (1%)

Magenta (33%)

Yellow (0%)

Black (33%)



Cyan (34%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8290, 16.3533, 28.2140 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 136.8290, 16.3533, 28.2140 by changing the saturation by 10% instead.

136.8290, 16.3533,
28.2140

136.8290, 16.3533,
28.2140

255.0000, 0.0000,
0.0000

111.0030, 15.7745,
27.1844

190.9540, 16.7847,
29.8583

86.2910, 15.6325,
26.0548

218.7800, 17.3635,
30.8879

61.5790, 15.4906,
24.9252

235.6290, 9.5499,
16.9884

37.5790, 15.4906,
24.9252

252.6520, 1.1576,
2.0592

18.2150, 14.1910,
21.7364

7.1500, 9.2931,
6.0074

0.0000, 0.0000,

0.0000

■ 136.8290, 16.3533,
28.2140

■ 136.8290, 16.3533,
28.2140

■ 126.8500, 21.2730,
36.9656

■ 146.8080, 11.4337,
19.4624

■ 116.5720, 26.3400,
45.1024

■ 157.0860, 6.3666,
11.3256

■ 106.5930, 31.2597,
53.8539

■ 167.0650, 1.4470,
2.5740

■ 96.6140, 36.1793,
62.6055

■ 177.0440, -3.4727,
-6.1776

■ 86.3360, 41.2464,
70.7423

■ 187.3220, -8.5397,
-14.3144

■ 76.3570, 46.1660,
79.4939

■ 197.3010,
-13.4594, -23.0660

■ 69.3130, 49.6387,
85.6715

■ 207.2800,
-18.3790, -31.8176

■ 217.2590,
-23.2987, -40.5691

■ 220.4930,
-24.8930, -42.5284

Harmonies

Analogous

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



134.4210, 28.3864, -4.7542



136.8290, 16.3533, 28.2140



135.7640, 1.5953, 48.4420

Triad

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



136.8290, 16.3533, 28.2140



130.3040, -31.2089, 23.4124



105.7030, 26.7684, -92.7015

Complementary

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



136.8290, 16.3533, 28.2140



147.1710, -16.3533, -28.2140

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.



109.7150, 8.5215, -73.4181



136.8290, 16.3533, 28.2140



127.1760, -27.2018, -1.9084

Square

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



136.8290, 16.3533, 28.2140



132.8040, -26.0324, 43.1449



122.2460, -13.4323, -31.7877



106.9060, 38.9933, -93.7566

Rectangle

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



136.8290, 16.3533, 28.2140



134.4520, -8.6038, 53.1006



122.2460, -13.4323, -31.7877



105.0360, 21.6743, -92.1166

Sweetspot

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



136.8290, 16.3533, 28.2140



208.7870, 6.5140, 10.7108



121.5580, 23.8819, -6.6284



104.3690, 3.7621, 6.6924



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.



136.8290, 16.3533, 28.2140



169.1590, 26.0506, 44.5876



134.1640, 4.8491, 31.4282



79.3040, 2.3151, 4.1184



60.2270, 43.2721, 74.3459



8.2600, 5.7878, 10.2960

Inverse Universe

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



130.8580, -7.8180, 34.3275



159.8390, -12.2456, 54.5152



149.8360, -4.8491, -31.4282



78.3920, -1.1793, 4.9182



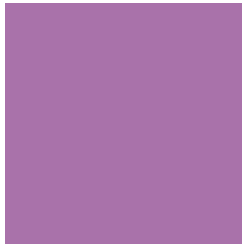
44.5940, -20.5058, 90.6871



5.9800, -2.9481, 12.2955

Previews

White Background



This preview shows how the YUV color 136.8290, 16.3533, 28.2140 looks on a white background.

Color Contrast Check

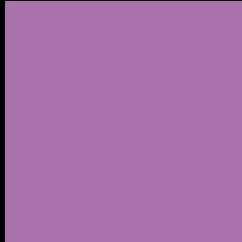
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8290, 16.3533, 28.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

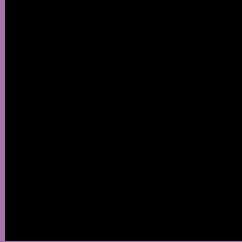
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.8290, 16.3533, 28.2140

Background



This preview shows how black text looks on a background with the YUV color 136.8290, 16.3533, 28.2140.



This preview shows how white text looks on a background with the YUV color 136.8290, 16.3533,

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

136.8290, 16.3533, 28.2140

Protanopia

133.0410, 24.6298, -13.1910

Deuteranopia

134.5060, 16.0195, -4.8288



Tritanopia

135.5840, -2.2599, 24.9208

Trichromacy



Original Color

136.8290, 16.3533, 28.2140

Protanomaly

134.6300, 21.3814, 2.0785

Deuteranomaly

135.5830, 15.9816, 7.3817

Tritanomaly

136.0170, 4.4286, 26.2951

Monochromacy



Original Color

136.8290, 16.3533, 28.2140

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2600, 5.7878, 10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8290, 16.3533, 28.2140 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(169, 114, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 114, 170)  
}
```

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(169, 114, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 114, 170) }
```

Border

The CSS property to change the border of an element to YUV 136.8290, 16.3533, 28.2140 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(169, 114, 170) }
```


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

```
.border{ border-color:rgb(169, 114, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 114, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 114, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 114, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 114,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 136.8290, 16.3533, 28.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 114, 170) }
```

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

```
.background{ background-color: rgb(169,  
114, 170) }
```

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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