

Converting Colors

YUV(136.1900, 28.9933,
34.0364)

Have a look what the booklet for
YUV(136.1900, 28.9933, 34.0364)
contains.

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Color

**YUV(136.1900, 28.9933,
34.0364)**

Conversions

Conversions Part 1

Format	Color
Hex	AF69C3
RGB	175, 105, 195
RGB Percent	69%, 41%, 76%
CMY	0.3137, 0.5882, 0.2353
CMYK	0.10, 0.46, 0.00, 0.24
HSL	287°, 43%, 59%
HSV	287°, 46%, 76%
XYZ	32.5811, 23.1572, 54.3823
YIQ	136.1900, 12.8300, 42.8300

Conversions

Conversions Part 2

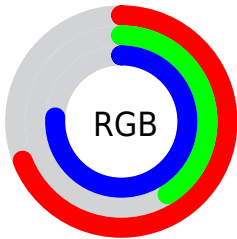
Format	Color
RYB	175, 105, 195
Decimal	11495875
CIELab	55.23, 42.89, -35.87
CIELCh	55, 55.906, 320.094
Yxy	23.1572, 0.2959, 0.2103
Android (android.graphics.Color)	4289685955 (0xFFAF69C3)
YUV	136.1900, 28.9933, 34.0364
Hunter-Lab	48.1220, 36.6404, -33.3179

Details

The YUV color $136.1900, 28.9933, 34.0364$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $163.8100, -28.9933, -34.0364$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.8420, 30.1509, 36.0956$, and $83.6520, 28.2726, 31.8772$ is the 20% darker color. If you saturate the color by 10%, you get $123.8410, 35.0814, 41.3584$, and if you desaturate by 10%, it is $148.5390, 22.9053, 26.7143$.

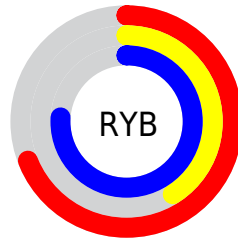
Distribution



Red (69%)

Green (41%)

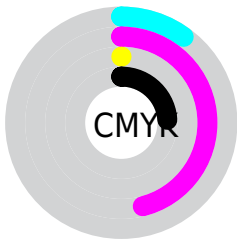
Blue (76%)



Red (69%)

Yellow (41%)

Blue (76%)

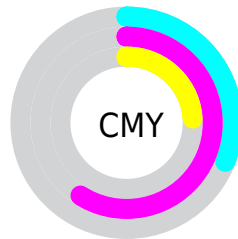


Cyan (10%)

Magenta (46%)

Yellow (0%)

Black (24%)



Cyan (31%)


Magenta (59%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.1900, 28.9933, 34.0364 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 136.1900, 28.9933, 34.0364 by changing the saturation by 10% instead.

 136.1900, 28.9933,
34.0364


 136.1900, 28.9933,
34.0364


255.0000, 0.0000,
0.0000


 109.4780, 28.8513,
32.9068


 190.8420, 30.1509,
36.0956


 83.6520, 28.2726,
31.8772


 214.4970, 19.9680,
35.5211


 58.2390, 27.9832,
31.3624

 230.9330, 11.8650,
21.1068

 30.8910, 29.1407,
33.4216

 247.9560, 3.4727,
6.1776

 20.6800, 22.3428,
20.4516

 10.2840, 16.1290,
6.7669

 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 136.1900, 28.9933,
34.0364

■ 136.1900, 28.9933,
34.0364

■ 123.8410, 35.0814,
41.3584

■ 148.5390, 22.9053,
26.7143

■ 110.6060, 41.6062,
48.5805

■ 161.7740, 16.3804,
19.4922

■ 97.6700, 47.9837,
56.4174

■ 174.1230, 10.2924,
12.1701

■ 85.3210, 54.0717,
63.7395

■ 187.0590, 3.9149,
4.3333

■ 72.0860, 60.5966,
70.9616

■ 200.2940, -2.6099,
-2.8888

67.6780, 62.7697,
73.9504

212.6430, -8.6980,
-10.2109

225.5790,
-15.0754, -18.0478

234.7050,
-19.5746, -21.6663

235.9010,
-20.1642, -19.2072

Harmonies

Analogous

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



129.9960, 46.3440, -24.5525



136.1900, 28.9933, 34.0364



132.1440, 8.8030, 70.0337

Triad

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



136.1900, 28.9933, 34.0364



126.9950, -49.2975, 38.5924



109.6810, 26.7793, -96.1902

Complementary

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



136.1900, 28.9933, 34.0364



163.8100, -28.9933, -34.0364

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.



103.3940, 5.2288, -90.6765



136.1900, 28.9933, 34.0364



123.2740, -45.9841, 2.3907

Square

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



136.1900, 28.9933, 34.0364



129.3570, -34.6860, 65.4619



114.4220, -23.8720, -43.3431



112.7080, 45.9930, -98.8449

Rectangle

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



136.1900, 28.9933, 34.0364



129.7140, -5.7750, 79.1808



114.4220, -23.8720, -43.3431



107.8570, 19.7905, -94.5906

Sweetspot

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



136.1900, 28.9933, 34.0364



229.3620, 11.1605, 13.7145



127.5870, 33.2346, -19.8088



113.5910, 7.1036, 8.2517



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



136.1900, 28.9933, 34.0364



162.0240, 44.3582, 52.5990



139.4340, 15.5620, 48.7314



90.5320, 3.1887, 3.9184



55.7290, 51.8986, 60.7507



11.5360, 10.5818, 12.6849

Inverse Universe

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



134.1900, -4.5307, 53.3304



158.6820, -7.2382, 81.8399



160.5660, -15.5620, -48.7314



90.2180, -0.6005, 5.9478



52.2430, -8.0078, 95.3799



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 136.1900, 28.9933, 34.0364 looks on a white background.

Color Contrast Check

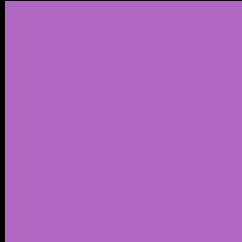
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.1900, 28.9933, 34.0364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

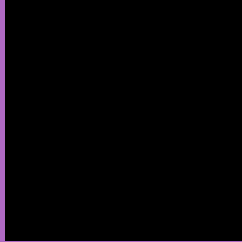
Any Text WCAG AA ✓ Pass

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 136.1900, 28.9933, 34.0364 Background



This preview shows how black text looks on a background with the YUV color 136.1900, 28.9933, 34.0364.



This preview shows how white text looks on a background with the YUV color 136.1900, 28.9933,

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

136.1900, 28.9933, 34.0364

Protanopia

130.2360, 42.2817, -28.2710

Deuteranopia

131.4470, 28.8666, -18.8090



Tritanopia

134.7800, -2.8495, 27.3799

Trichromacy



Original Color

136.1900, 28.9933, 34.0364



Protanomaly

132.4130, 37.2644, -5.6242



Deuteranomaly

133.5680, 28.8070, 0.3789



Tritanomaly

135.4780, 8.6383, 29.3988

Monochromacy



Original Color

136.1900, 28.9933, 34.0364



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

136.1230, 10.2924, 12.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1900, 28.9933, 34.0364 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(175, 105, 195)` looks like.

```
.text, #text, p{  
    color:rgb(175, 105, 195)  
}
```

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(175, 105, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 105, 195) }
```

Border

The CSS property to change the border of an element to YUV 136.1900, 28.9933, 34.0364 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(175, 105, 195) }
```


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

```
.border{ border-color:rgb(175, 105, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 105, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 105, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 105, 195);  
box-shadow:4px 4px 4px 4px rgb(175, 105,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 136.1900, 28.9933, 34.0364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 105, 195) }
```

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

```
.background{ background-color: rgb(175,  
105, 195) }
```

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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