

Converting Colors

YUV(136.8450, 18.8104,
33.4619)

Have a look what the booklet for
YUV(136.8450, 18.8104, 33.4619)
contains.

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Color

**YUV(136.8450, 18.8104,
33.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6EAF
RGB	175, 110, 175
RGB Percent	69%, 43%, 69%
CMY	0.3137, 0.5686, 0.3137
CMYK	0.00, 0.37, 0.00, 0.31
HSL	300°, 29%, 56%
HSV	300°, 37%, 69%
XYZ	30.9930, 23.3610, 43.4330
YIQ	136.8450, 17.8750, 33.9950

Conversions

Conversions Part 2

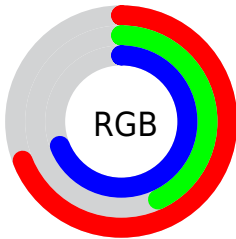
Format	Color
RYB	175, 110, 175
Decimal	11497135
CIELab	55.44, 36.21, -24.05
CIELCh	55, 43.467, 326.407
Yxy	23.3610, 0.3169, 0.2389
Android (android.graphics.Color)	4289687215 (0xFFAF6EAF)
YUV	136.8450, 18.8104, 33.4619
Hunter-Lab	48.3332, 29.8776, -19.4458

Details

The YUV color **136.8450, 18.8104, 33.4619** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **148.1550, -18.8104, -33.4619**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3830, 19.5312, 35.6211**, and **85.3070, 18.0896, 31.3028** is the 20% darker color. If you saturate the color by 10%, you get **126.8660, 23.7301, 42.2135**, and if you desaturate by 10%, it is **147.4110, 13.6014, 24.1956**.

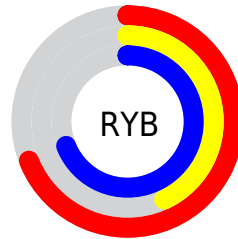
Distribution



Red (69%)

Green (43%)

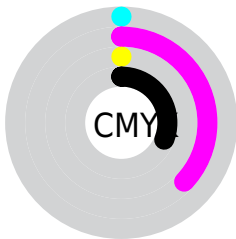
Blue (69%)



Red (69%)

Yellow (43%)

Blue (69%)

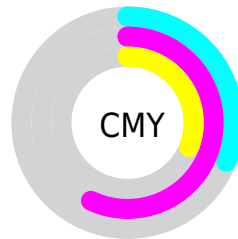


Cyan (0%)

Magenta (37%)

Yellow (0%)

Black (31%)



Cyan (31%)


Magenta (57%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.8450, 18.8104, 33.4619 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 136.8450, 18.8104, 33.4619 by changing the saturation by 10% instead.


 136.8450, 18.8104,
33.4619


 136.8450, 18.8104,
33.4619


255.0000, 0.0000,
0.0000


 111.0190, 18.2316,
32.4323


 191.3830, 19.5312,
35.6211


 85.3070, 18.0896,
31.3028


 216.8450, 18.8104,
33.4619

 60.5950, 17.9477,
30.1732

 233.8680, 10.4181,
18.5328

 34.5350, 18.9632,
31.1028

 250.3040, 2.3151,
4.1184

 19.4540, 15.0592,
23.2808

 9.5850, 9.5716,
10.0110

 0.0000, 0.0000,

0.0000

■ 136.8450, 18.8104,
33.4619

■ 136.8450, 18.8104,
33.4619

■ 126.8660, 23.7301,
42.2135

■ 147.4110, 13.6014,
24.1956

■ 116.3000, 28.9391,
51.4799

■ 157.3900, 8.6817,
15.4440

■ 106.3210, 33.8587,
60.2315

■ 167.9560, 3.4727,
6.1776

■ 95.7550, 39.0678,
69.4979

■ 177.9350, -1.4470,
-2.5740

■ 85.1890, 44.2768,
78.7642

■ 188.5010, -6.6560,
-11.8404

■ 75.2100, 49.1965,
87.5158

■ 198.4800,
-11.5756, -20.5920

72.2750, 50.6434,
90.0898

209.0460,
-16.7847, -29.8583

219.0250,
-21.7043, -38.6099

221.9600,
-23.1513, -41.1839

Harmonies

Analogous

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



134.4470, 32.3176, -5.6540



136.8450, 18.8104, 33.4619



134.6340, 2.1524, 56.4490

Triad

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



136.8450, 18.8104, 33.4619



129.5340, -36.7453, 25.8417



107.4470, 28.3736, -94.2310

Complementary

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



136.8450, 18.8104, 33.4619



148.1550, -18.8104, -33.4619

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.



103.1150, 11.7753, -90.4319



136.8450, 18.8104, 33.4619



126.0140, -31.5589, -4.3973

Square

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



136.8450, 18.8104, 33.4619



131.5120, -29.8324, 48.6630



119.1480, -14.8630, -39.5948



108.5190, 42.6351, -95.1712

Rectangle

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



136.8450, 18.8104, 33.4619



133.1650, -9.9413, 62.1223



119.1480, -14.8630, -39.5948



106.6660, 22.8427, -93.5461

Sweetspot

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



136.8450, 18.8104, 33.4619



212.3250, 7.2348, 12.8700



117.4100, 28.3919, -6.4986



106.1950, 4.3409, 7.7220



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



136.8450, 18.8104, 33.4619



167.1260, 29.5179, 52.5095



133.1970, 4.8329, 36.6612



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Inverse Universe

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



136.8450, 18.8104, 33.4619



167.1260, 29.5179, 52.5095



151.9170, -4.3961, -36.7612



81.7170, 2.6045, 4.6332



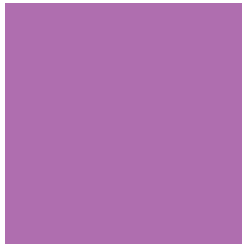
61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 136.8450, 18.8104, 33.4619 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 136.8450, 18.8104, 33.4619 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 136.8450, 18.8104, 33.4619

Background



This preview shows how black text looks on a background with the YUV color 136.8450, 18.8104, 33.4619.



This preview shows how white text looks on a background with the YUV color 136.8450, 18.8104,

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

136.8450, 18.8104, 33.4619

Protanopia

132.7570, 28.7138, -16.4499

Deuteranopia

134.0650, 18.2090, -7.0730



Tritanopia

135.6770, -3.2918, 29.2243

Trichromacy



Original Color

136.8450, 18.8104, 33.4619

Protanomaly

133.9550, 25.1652, 1.7935

Deuteranomaly

134.8650, 18.3076, 8.0114

Tritanomaly

135.8650, 4.9966, 30.8134

Monochromacy



Original Color

136.8450, 18.8104, 33.4619

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9120, 6.9454, 12.3552

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8450, 18.8104, 33.4619 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, 110, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 110, 175)  
}
```

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, 110, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 110, 175) }
```

Border

The CSS property to change the border of an element to YUV 136.8450, 18.8104, 33.4619 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, 110, 175) }
```


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

```
.border{ border-color:rgb(175, 110, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 110, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 110, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 110, 175);  
box-shadow:4px 4px 4px 4px rgb(175, 110,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 136.8450, 18.8104, 33.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 110, 175) }
```

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

```
.background{ background-color: rgb(175,  
110, 175) }
```

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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