

Converting Colors

YUV(135.8910, 8.9277, 29.9136)

Have a look what the booklet for
YUV(135.8910, 8.9277, 29.9136)
contains.

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Color

**YUV(135.8910, 8.9277,
29.9136)**

Conversions

Conversions Part 1

Format	Color
Hex	AA739A
RGB	170, 115, 154
RGB Percent	67%, 45%, 60%
CMY	0.3333, 0.5490, 0.3961
CMYK	0.00, 0.32, 0.09, 0.33
HSL	317°, 24%, 56%
HSV	317°, 32%, 67%
XYZ	28.5410, 23.1406, 33.5342
YIQ	135.8910, 20.2610, 23.7890

Conversions

Conversions Part 2

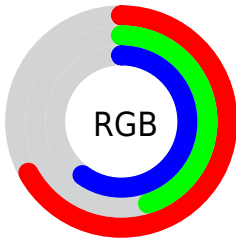
Format	Color
R _Y B	170, 115, 154
Decimal	11170714
CIE Lab	55.22, 27.85, -12.28
CIE LCh	55, 30.438, 336.214
Yxy	23.1406, 0.3349, 0.2716
Android (android.graphics.Color)	4289360794 (0xFFAA739A)
YUV	135.8910, 8.9277, 29.9136
Hunter-Lab	48.1047, 21.7228, -7.6582

Details

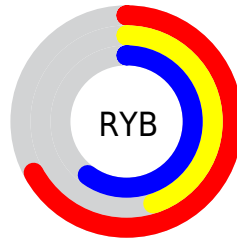
The YUV color **135.8910, 8.9277, 29.9136** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **149.1090, -8.9277, -29.9136**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9020, 8.9223, 31.6579**, and **85.4670, 8.6438, 27.6544** is the 20% darker color. If you saturate the color by 10%, you get **125.3420, 11.6634, 39.1651**, and if you desaturate by 10%, it is **146.4400, 6.1921, 20.6621**.

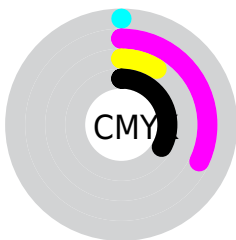
Distribution



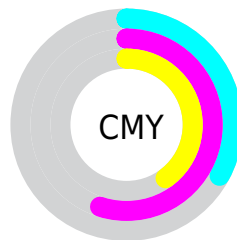
- Red (67%)
- Green (45%)
- Blue (60%)



- Red (67%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 135.8910, 8.9277, 29.9136 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 135.8910, 8.9277, 29.9136 by changing the saturation by 10% instead.


 135.8910, 8.9277,
29.9136


 135.8910, 8.9277,
29.9136


255.0000, 0.0000,
0.0000


 110.1790, 8.7858,
28.7840

 189.9020, 8.9223,
31.6579

 85.4670, 8.6438,
27.6544


 217.7280, 9.5011,
32.6875


 60.8690, 8.9386,
26.4249

 236.2160, 9.2605,
16.4736

 37.5700, 9.0860,
25.8101

 253.2390, 0.8682,
1.5444

 17.0320, 8.3652,
23.6509

 5.3260, 2.3043,
7.6071

 0.0000, 0.0000,

0.0000

■ 135.8910, 8.9277,
29.9136

■ 135.8910, 8.9277,
29.9136

■ 125.3420, 11.6634,
39.1651

■ 146.4400, 6.1921,
20.6621

■ 114.7930, 14.3991,
48.4165

■ 156.9890, 3.4564,
11.4106

■ 104.2440, 17.1347,
57.6680

■ 167.5380, 0.7208,
2.1592

■ 93.6950, 19.8704,
66.9195

■ 178.0870, -2.0149,
-7.0923

■ 83.1460, 22.6060,
76.1710

■ 188.6360, -4.7505,
-16.3438

■ 72.5970, 25.3417,
85.4224

■ 199.1850, -7.4862,
-25.5952

■ 64.6240, 27.7934,
92.4148

■ 209.7340,
-10.2219, -34.8467

■ 220.2830,
-12.9575, -44.0982

■ 223.2010,
-11.9311, -46.6573

Harmonies

Analogous

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



134.9080, 19.7654, 7.0967



135.8910, 8.9277, 29.9136



135.0530, -3.4771, 42.0495

Triad

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



135.8910, 8.9277, 29.9136



129.5460, -24.9192, 12.6762



111.0580, 25.1144, -75.4729

Complementary

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



135.8910, 8.9277, 29.9136



149.1090, -8.9277, -29.9136

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.



115.9710, 10.3673, -58.7336



135.8910, 8.9277, 29.9136



127.0100, -18.7389, -9.6558

Square

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



135.8910, 8.9277, 29.9136



131.7100, -23.5210, 30.9493



122.7710, -6.2961, -34.0022



120.6290, 29.2699, -54.9256

Rectangle

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



135.8910, 8.9277, 29.9136



133.5880, -11.6289, 43.3343



122.7710, -6.2961, -34.0022



111.7440, 21.3252, -73.4435

Sweetspot

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



135.8910, 8.9277, 29.9136



208.2880, 3.3090, 12.0254



126.0540, 21.6654, 4.3376



103.9130, 2.0149, 7.0923



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.



135.8910, 8.9277, 29.9136



168.0810, 14.2571, 47.2870



132.8130, -2.8658, 32.6130



79.0760, 1.4415, 4.3183



56.2220, 24.0476, 80.4893



7.5760, 3.1670, 10.8958

Inverse Universe

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



135.8910, 8.9277, 29.9136



168.0810, 14.2571, 47.2870



152.1870, 2.8658, -32.6130



79.0760, 1.4415, 4.3183



56.2220, 24.0476, 80.4893



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 135.8910, 8.9277, 29.9136 looks on a white background.

Color Contrast Check

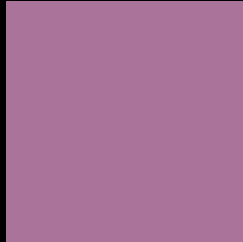
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8910, 8.9277, 29.9136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

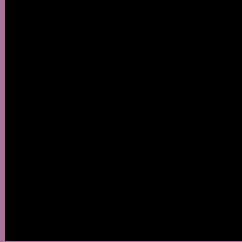
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.8910, 8.9277, 29.9136

Background



This preview shows how black text looks on a background with the YUV color 135.8910, 8.9277, 29.9136.



This preview shows how white text looks on a background with the YUV color 135.8910, 8.9277,

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

135.8910, 8.9277, 29.9136

Protanopia

132.7830, 15.8830, -7.7027

Deuteranopia

133.6010, 8.5777, 2.1039



Tritanopia

135.0790, -2.9969, 27.9947

Trichromacy



Original Color

135.8910, 8.9277, 29.9136

Protanomaly

133.8880, 13.3662, 6.2372

Deuteranomaly

134.3680, 8.6926, 11.9553

Tritanomaly

135.2300, 1.3656, 28.7393

Monochromacy



Original Color

135.8910, 8.9277, 29.9136

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.6900, 3.6038, 10.7959

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8910, 8.9277, 29.9136 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, 115, 154)` looks like.

```
.text, #text, p{  
    color:rgb(170, 115, 154)  
}
```

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, 115, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 115, 154) }
```

Border

The CSS property to change the border of an element to YUV 135.8910, 8.9277, 29.9136 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, 115, 154) }
```


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

```
.border{ border-color:rgb(170, 115, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 115, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 115, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 115, 154);  
box-shadow:4px 4px 4px 4px rgb(170, 115,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 135.8910, 8.9277, 29.9136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 115, 154) }
```

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

```
.background{ background-color: rgb(170,  
115, 154) }
```

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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