

Converting Colors

YUV(132.9170, 12.8589,
29.0138)

Have a look what the booklet for
YUV(132.9170, 12.8589, 29.0138)
contains.

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Color

**YUV(132.9170, 12.8589,
29.0138)**

Conversions

Conversions Part 1

Format	Color
Hex	A66F9F
RGB	166, 111, 159
RGB Percent	65%, 44%, 62%
CMY	0.3490, 0.5647, 0.3765
CMYK	0.00, 0.33, 0.04, 0.35
HSL	308°, 24%, 54%
HSV	308°, 33%, 65%
XYZ	27.6683, 21.9791, 35.5850
YIQ	132.9170, 17.3720, 26.5880

Conversions

Conversions Part 2

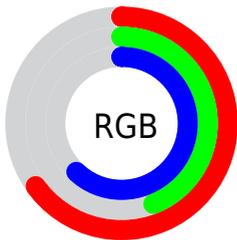
Format	Color
R_{YB}	166, 111, 159
Decimal	10907551
CIE _{Lab}	54.00, 29.63, -17.06
CIE _{LCh}	54, 34.192, 330.060
Yxy	21.9791, 0.3246, 0.2579
Android (android.graphics.Color)	4289097631 (0xFFA66F9F)
YUV	132.9170, 12.8589, 29.0138
Hunter-Lab	46.8818, 23.3024, -12.1859

Details

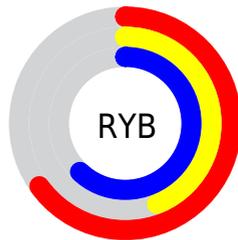
The YUV color **132.9170, 12.8589, 29.0138** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **144.0830, -12.8589, -29.0138**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4550, 13.5797, 31.1730**, and **82.3790, 12.1382, 26.8546** is the 20% darker color. If you saturate the color by 10%, you get **122.7100, 16.9050, 37.9653**, and if you desaturate by 10%, it is **143.1240, 8.8129, 20.0623**.

Distribution



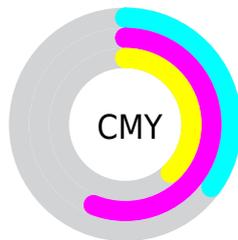
- Red (65%)
- Green (44%)
- Blue (62%)



- Red (65%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (33%)
- Yellow (4%)
- Black (35%)



- Cyan (35%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.9170, 12.8589, 29.0138 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 132.9170, 12.8589, 29.0138 by changing the saturation by 10% instead.

 132.9170, 12.8589,
29.0138

 132.9170, 12.8589,
29.0138

255.0000, 0.0000,
0.0000

 107.2050, 12.7169,
27.8842

 186.4550, 13.5797,
31.1730

 82.3790, 12.1382,
26.8546

 214.7540, 13.4323,
31.7877

 58.0800, 12.2856,
26.2398

 233.8680, 10.4181,
18.5328

 34.4820, 12.5804,
25.0103

 250.8910, 2.0257,
3.6036

 16.5910, 10.5546,
21.4067

 2.4220, 6.6940,
-0.3701

 0.0000, 0.0000,

0.0000

■ 132.9170, 12.8589,
29.0138

■ 132.9170, 12.8589,
29.0138

■ 122.7100, 16.9050,
37.9653

■ 143.1240, 8.8129,
20.0623

■ 113.0900, 20.6616,
46.4021

■ 152.7440, 5.0562,
11.6255

■ 102.8830, 24.7077,
55.3536

■ 162.9510, 1.0102,
2.6740

■ 93.2630, 28.4643,
63.7903

■ 172.5710, -2.7465,
-5.7628

■ 82.9420, 32.0736,
72.8419

■ 182.8920, -6.3558,
-14.8143

■ 72.7350, 36.1196,
81.7934

■ 193.0990,
-10.4018, -23.7658

■ 66.1640, 38.8661,
87.5562

■ 202.7190,
-14.1585, -32.2026

■ 212.9260,
-18.2045, -41.1541

■ 219.6110,
-20.5142, -47.0168

Harmonies

Analogous

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



131.0150, 24.1496, 0.8638



132.9170, 12.8589, 29.0138



132.0580, -1.0146, 45.5531

Triad

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



132.9170, 12.8589, 29.0138



126.6670, -28.4298, 18.7090



102.5400, 27.3418, -89.9276

Complementary

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



132.9170, 12.8589, 29.0138



144.0830, -12.8589, -29.0138

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.



109.2750, 9.2314, -67.7702



132.9170, 12.8589, 29.0138



123.5930, -22.9703, -5.7821

Square

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



132.9170, 12.8589, 29.0138



128.8140, -24.5583, 36.9971



118.8590, -9.7905, -33.2023



102.7000, 38.1089, -90.0679

Rectangle

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



132.9170, 12.8589, 29.0138



130.3760, -10.0454, 48.7822



118.8590, -9.7905, -33.2023



101.4000, 22.9738, -88.9278

Sweetspot

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



132.9170, 12.8589, 29.0138



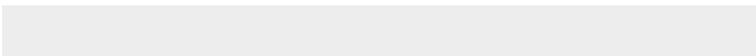
203.7440, 5.0562, 11.6255



119.0640, 23.1394, -1.8101



101.5540, 3.1779, 7.4071



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



132.9170, 12.8589, 29.0138



164.6770, 20.3722, 45.8873



129.8390, 1.0654, 31.7132



79.1900, 1.8783, 4.2184



58.9580, 34.5307, 78.0898



8.0320, 4.9142, 10.4959

Inverse Universe

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



132.9170, 12.8589, 29.0138



164.6770, 20.3722, 45.8873



147.1610, -1.0654, -31.7132



79.1900, 1.8783, 4.2184



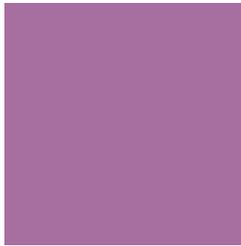
58.9580, 34.5307, 78.0898



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 132.9170, 12.8589, 29.0138 looks on a white background.

Color Contrast Check

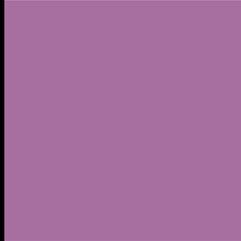
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.9170, 12.8589, 29.0138 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 132.9170, 12.8589, 29.0138

Background



This preview shows how black text looks on a background with the YUV color 132.9170, 12.8589, 29.0138.



This preview shows how white text looks on a background with the YUV color 132.9170, 12.8589,

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

132.9170, 12.8589, 29.0138

Protanopia

129.9120, 20.2564, -10.4468

Deuteranopia

130.9040, 12.3723, -1.6698



Tritanopia

131.4810, -2.7021, 26.7652

Trichromacy



Original Color

132.9170, 12.8589, 29.0138

Protanomaly

131.0170, 17.7396, 3.4931

Deuteranomaly

131.3830, 12.6292, 9.3111

Tritanomaly

131.9740, 2.9708, 27.2098

Monochromacy



Original Color

132.9170, 12.8589, 29.0138

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9180, 4.4774, 10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.9170, 12.8589, 29.0138 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(166, 111, 159)` looks like.

```
.text, #text, p{  
    color:rgb(166, 111, 159)  
}
```

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(166, 111, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 111, 159) }
```

Border

The CSS property to change the border of an element to YUV 132.9170, 12.8589, 29.0138 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(166, 111, 159) }
```

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

```
.border{ border-color:rgb(166, 111, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 111, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 111, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 111, 159);  
box-shadow:4px 4px 4px 4px rgb(166, 111,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 132.9170, 12.8589, 29.0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 111, 159) }
```

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

```
.background{ background-color: rgb(166,  
111, 159) }
```

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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