

Converting Colors

YUV(128.3190, 29.9157,
18.1372)

Have a look what the booklet for
YUV(128.3190, 29.9157, 18.1372)
contains.

YUV(128.3190, 29.9157, 18.1372)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(128.3190, 29.9157,
18.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	956ABD
RGB	149, 106, 189
RGB Percent	58%, 42%, 74%
CMY	0.4157, 0.5843, 0.2588
CMYK	0.21, 0.44, 0.00, 0.26
HSL	271°, 39%, 58%
HSV	271°, 44%, 74%
XYZ	26.7338, 20.3718, 50.6672
YIQ	128.3190, -1.0150, 34.9290

Conversions

Conversions Part 2

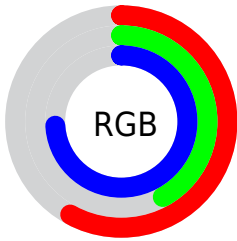
Format	Color
R _Y B	149, 106, 189
Decimal	9792189
CIE Lab	52.25, 33.40, -37.30
CIE LCh	52, 50.069, 311.839
Yxy	20.3718, 0.2734, 0.2084
Android (android.graphics.Color)	4287982269 (0xFF956ABD)
YUV	128.3190, 29.9157, 18.1372
Hunter-Lab	45.1351, 26.7402, -34.9626

Details

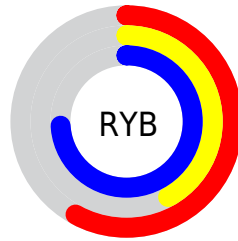
The YUV color $128.3190, 29.9157, 18.1372$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $166.6810, -29.9157, -18.1372$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.0850, 31.5101, 20.0965$, and $77.5530, 28.3214, 16.1780$ is the 20% darker color. If you saturate the color by 10%, you get $114.4750, 36.7408, 22.3854$, and if you desaturate by 10%, it is $142.1630, 23.0906, 13.8890$.

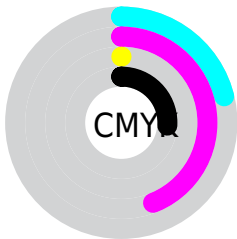
Distribution



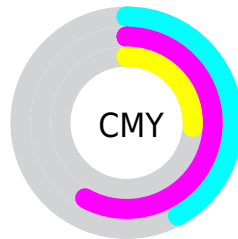
- Red (58%)
- Green (42%)
- Blue (74%)



- Red (58%)
- Yellow (42%)
- Blue (74%)



- Cyan (21%)
- Magenta (44%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (58%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.3190, 29.9157, 18.1372 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 128.3190, 29.9157, 18.1372 by changing the saturation by 10% instead.

128.3190, 29.9157,
18.1372

128.3190, 29.9157,
18.1372

255.0000, 0.0000,
0.0000

102.4930, 29.3370,
17.1076

182.0850, 31.5101,
20.0965

77.5530, 28.3214,
16.1780

207.3320, 23.5003,
22.5108

53.6130, 27.3058,
15.2484

230.3460, 12.1544,
21.6216

29.0150, 27.6006,
14.0188

247.3690, 3.7621,
6.6924

13.8310, 23.2543,
8.0412

6.0930, 15.7302,
-5.3436

2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 128.3190, 29.9157,
18.1372

■ 128.3190, 29.9157,
18.1372

■ 114.4750, 36.7408,
22.3854

■ 142.1630, 23.0906,
13.8890

■ 100.6310, 43.5659,
26.6336

■ 156.0070, 16.2655,
9.6409

■ 86.7870, 50.3910,
30.8818

■ 169.8510, 9.4405,
5.3927

■ 72.9430, 57.2161,
35.1300

■ 183.6950, 2.6154,
1.1445

■ 59.3870, 63.8992,
38.2486

■ 197.8380, -4.3571,
-2.4889

■ 50.8480, 68.1089,
41.3523

■ 211.0950,
-10.8928, -6.2223

■ 224.9390,
-17.7179, -10.4705

■ 237.6090,
-23.9642, -13.6891

■ 240.3000,
-25.2909, -8.1561

Harmonies

Analogous

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



118.7400, 44.4982, -39.2370



128.3190, 29.9157, 18.1372



126.6690, 12.4882, 54.6643

Triad

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



128.3190, 29.9157, 18.1372



121.3080, -40.5778, 41.8259



101.7760, 19.3374, -89.2576

Complementary

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



128.3190, 29.9157, 18.1372



166.6810, -29.9157, -18.1372

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.



95.4720, 0.2603, -83.7289



128.3190, 29.9157, 18.1372



118.2520, -42.5222, 12.0570

Square

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



128.3190, 29.9157, 18.1372



122.5230, -26.3868, 63.5623



112.6200, -27.4207, -25.0997



104.5750, 37.6775, -91.7123

Rectangle

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



128.3190, 29.9157, 18.1372



124.1300, -0.0641, 67.4150



112.6200, -27.4207, -25.0997



99.4790, 13.0749, -87.2431

Sweetspot

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



128.3190, 29.9157, 18.1372



221.4320, 11.6190, 6.6371



138.9420, 24.6786, -28.8901



108.1560, 6.8251, 4.2482



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



128.3190, 29.9157, 18.1372



149.8530, 46.9075, 28.1929



140.1650, 23.5827, 42.8283



87.5210, 3.1941, 2.1741



42.5300, 56.9267, 34.6152



8.3180, 11.1822, 6.7371

Inverse Universe

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



135.3770, 5.2371, 47.0274



161.0520, 8.3554, 73.6224



154.8350, -23.5827, -42.8283



88.1470, 0.4205, 5.1331



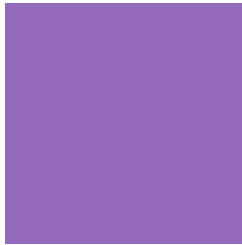
55.9060, 9.9063, 89.5364



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 128.3190, 29.9157, 18.1372 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 128.3190, 29.9157, 18.1372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

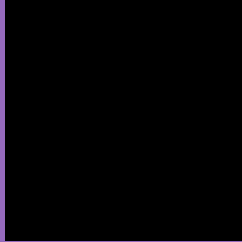
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.3190, 29.9157, 18.1372

Background



This preview shows how black text looks on a background with the YUV color 128.3190, 29.9157, 18.1372.



This preview shows how white text looks on a background with the YUV color 128.3190, 29.9157,

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

128.3190, 29.9157, 18.1372

Protanopia

122.5630, 39.6554, -25.9268

Deuteranopia

123.1800, 30.4773, -22.0829



Tritanopia

126.1200, 1.4198, 11.2958

Trichromacy



Original Color

128.3190, 29.9157, 18.1372

Protanomaly

124.4510, 36.2597, -10.0425

Deuteranomaly

124.8660, 30.1391, -6.8985

Tritanomaly

126.8890, 11.8867, 14.1293

Monochromacy



Original Color

128.3190, 29.9157, 18.1372

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.2040, 10.7454, 6.8371

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3190, 29.9157, 18.1372 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(149, 106, 189)` looks like.

```
.text, #text, p{  
    color:rgb(149, 106, 189)  
}
```

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(149, 106, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 106, 189) }
```

Border

The CSS property to change the border of an element to YUV 128.3190, 29.9157, 18.1372 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(149, 106, 189) }
```


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

```
.border{ border-color:rgb(149, 106, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 106, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 106, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 106, 189);  
box-shadow:4px 4px 4px 4px rgb(149, 106,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 128.3190, 29.9157, 18.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 106, 189) }
```

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

```
.background{ background-color: rgb(149,  
106, 189) }
```

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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