

Converting Colors

YUV(128.9000, 18.7833,
42.1837)

Have a look what the booklet for
YUV(128.9000, 18.7833, 42.1837)
contains.

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Color

**YUV(128.9000, 18.7833,
42.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	B161A7
RGB	177, 97, 167
RGB Percent	69%, 38%, 65%
CMY	0.3059, 0.6196, 0.3451
CMYK	0.00, 0.45, 0.06, 0.31
HSL	308°, 34%, 54%
HSV	308°, 45%, 69%
XYZ	29.3812, 20.6865, 39.0036
YIQ	128.9000, 25.2100, 38.7300

Conversions

Conversions Part 2

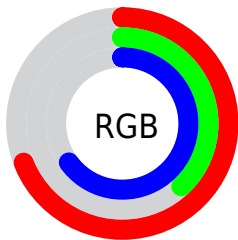
Format	Color
R_{YB}	177, 97, 167
Decimal	11624871
CIE _{Lab}	52.60, 42.37, -23.76
CIE _{LCh}	53, 48.572, 330.719
Yxy	20.6865, 0.3299, 0.2322
Android (android.graphics.Color)	4289814951 (0xFFB161A7)
YUV	128.9000, 18.7833, 42.1837
Hunter-Lab	45.4824, 35.7150, -19.0066

Details

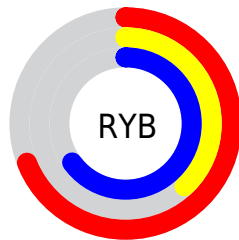
The YUV color **128.9000, 18.7833, 42.1837** is a light color, and the websafe version is hex **996699**. A complement of this color would be **145.1000, -18.7833, -42.1837**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3240, 19.0673, 44.4429**, and **76.5900, 18.9361, 39.8246** is the 20% darker color. If you saturate the color by 10%, you get **118.1060, 23.1187, 51.6500**, and if you desaturate by 10%, it is **139.6940, 14.4479, 32.7174**.

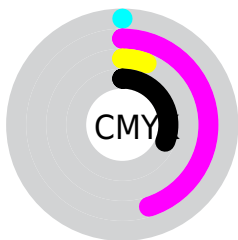
Distribution



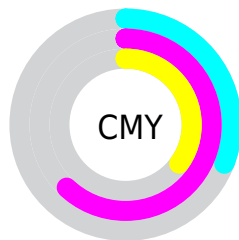
- Red (69%)
- Green (38%)
- Blue (65%)



- Red (69%)
- Yellow (38%)
- Blue (65%)



- Cyan (0%)
- Magenta (45%)
- Yellow (6%)
- Black (31%)





- Cyan (31%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.9000, 18.7833, 42.1837 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 128.9000, 18.7833, 42.1837 by changing the saturation by 10% instead.

 128.9000, 18.7833,
42.1837


 128.9000, 18.7833,
42.1837


255.0000, 0.0000,
0.0000


 102.1880, 18.6413,
41.0541


 183.3240, 19.0673,
44.4429

 76.5900, 18.9361,
39.8246


 208.7580, 20.8253,
40.5542


 49.5300, 19.9517,
40.7542

 225.6500, 14.4696,
25.7400

 28.7530, 18.3628,
37.0506

 242.6730, 6.0772,
10.8108

 19.3680, 12.1436,
25.1103

 6.6940, 7.5459,
6.4074

 0.0000, 0.0000,

0.0000

■ 128.9000, 18.7833,
42.1837

■ 128.9000, 18.7833,
42.1837

■ 118.1060, 23.1187,
51.6500

■ 139.6940, 14.4479,
32.7174

■ 107.8990, 27.1648,
60.6016

■ 149.9010, 10.4018,
23.7658

■ 96.9910, 31.0634,
70.1679

■ 160.8090, 6.5032,
14.1995

■ 86.1970, 35.3989,
79.6342

■ 171.6030, 2.1677,
4.7332

■ 75.4030, 39.7343,
89.1006

■ 182.3970, -2.1677,
-4.7332

■ 70.5930, 41.6127,
93.3189

■ 192.6040, -6.2138,
-13.6847

■ 203.3980,
-10.5492, -23.1510

■ 214.3060,
-14.4479, -32.7174

■ 223.9260,
-18.2045, -41.1541

Harmonies

Analogous

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



127.6480, 34.1905, 0.3087



128.9000, 18.7833, 42.1837



125.8200, 0.0887, 65.0559

Triad

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



128.9000, 18.7833, 42.1837



120.8450, -41.8286, 22.9379



104.1530, 30.9836, -91.3422

Complementary

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



128.9000, 18.7833, 42.1837



145.1000, -18.7833, -42.1837

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.



99.9520, 12.3487, -87.6579



128.9000, 18.7833, 42.1837



116.2260, -33.1424, -9.8452

Square

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



128.9000, 18.7833, 42.1837



123.1440, -35.0740, 49.8627



106.5590, -11.6146, -54.8642



104.7520, 45.9713, -91.8675

Rectangle

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



128.9000, 18.7833, 42.1837



124.4000, -13.0152, 68.0552



106.5590, -11.6146, -54.8642



103.2580, 25.0158, -90.5573

Sweetspot

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



128.9000, 18.7833, 42.1837



210.0590, 7.3659, 17.4883



108.8110, 33.6172, -2.4652



102.9180, 4.4774, 10.5959



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.



128.9000, 18.7833, 42.1837



155.3880, 28.8957, 65.4347



124.4540, 1.7482, 46.0828



83.6030, 2.1677, 4.7332



61.0230, 35.9777, 80.6638



10.2820, 5.7770, 13.7847

Inverse Universe

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



128.9000, 18.7833, 42.1837



155.3880, 28.8957, 65.4347



149.5460, -1.7482, -46.0828



83.6030, 2.1677, 4.7332



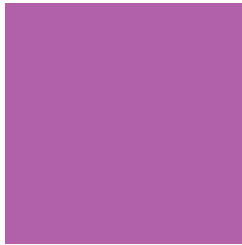
61.0230, 35.9777, 80.6638



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 128.9000, 18.7833, 42.1837 looks on a white background.

Color Contrast Check

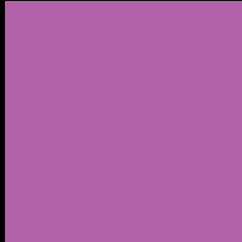
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.9000, 18.7833, 42.1837 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 128.9000, 18.7833, 42.1837

Background



This preview shows how black text looks on a background with the YUV color 128.9000, 18.7833, 42.1837.



This preview shows how white text looks on a background with the YUV color 128.9000, 18.7833,

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

128.9000, 18.7833, 42.1837

Protanopia

125.3160, 30.9032, -18.6941

Deuteranopia

126.8370, 17.3354, -6.8730



Tritanopia

127.7490, -5.7923, 37.9311

Trichromacy



Original Color

128.9000, 18.7833, 42.1837

Protanomaly

126.6070, 26.3227, 3.8527

Deuteranomaly

127.4740, 18.0073, 10.9853

Tritanomaly

128.1650, 3.3697, 39.3203

Monochromacy



Original Color

128.9000, 18.7833, 42.1837

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6350, 7.0819, 15.2291

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.9000, 18.7833, 42.1837 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(177, 97, 167)` looks like.

```
.text, #text, p{  
    color:rgb(177, 97, 167)  
}
```

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(177, 97, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 97, 167) }
```

Border

The CSS property to change the border of an element to YUV 128.9000, 18.7833, 42.1837 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(177, 97, 167) }
```


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

```
.border{ border-color:rgb(177, 97, 167) }
```

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

Here you see how a box with a 4 pixel rgb(177, 97, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 97, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 97, 167);  
box-shadow:4px 4px 4px 4px rgb(177, 97,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 128.9000, 18.7833, 42.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 97, 167) }
```

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

```
.background{ background-color: rgb(177, 97,  
167) }
```

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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