

Converting Colors

YUV(132.1830, 16.1788,
37.5505)

Have a look what the booklet for
YUV(132.1830, 16.1788, 37.5505)
contains.

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Color

**YUV(132.1830, 16.1788,
37.5505)**

Conversions

Conversions Part 1

Format	Color
Hex	AF68A5
RGB	175, 104, 165
RGB Percent	69%, 41%, 65%
CMY	0.3137, 0.5922, 0.3529
CMYK	0.00, 0.41, 0.06, 0.31
HSL	308°, 31%, 55%
HSV	308°, 41%, 69%
XYZ	29.4210, 21.7312, 38.2412
YIQ	132.1830, 22.7350, 34.0230

Conversions

Conversions Part 2

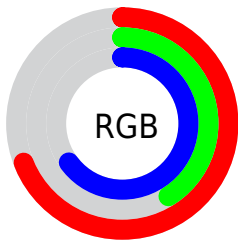
Format	Color
R_{YB}	175, 104, 165
Decimal	11495589
CIE _{Lab}	53.74, 37.62, -20.87
CIE _{LCh}	54, 43.021, 330.986
Yxy	21.7312, 0.3291, 0.2431
Android (android.graphics.Color)	4289685669 (0xFFAF68A5)
YUV	132.1830, 16.1788, 37.5505
Hunter-Lab	46.6167, 31.0767, -16.0058

Details

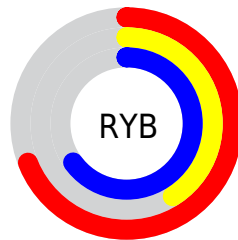
The YUV color **132.1830, 16.1788, 37.5505** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.8170, -16.1788, -37.5505**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6070, 16.4627, 39.8097**, and **80.7590, 15.8948, 35.2914** is the 20% darker color. If you saturate the color by 10%, you get **121.3890, 20.5142, 47.0168**, and if you desaturate by 10%, it is **142.3900, 12.1327, 28.5990**.

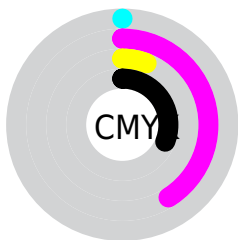
Distribution



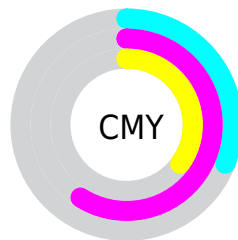
- Red (69%)
- Green (41%)
- Blue (65%)



- Red (69%)
- Yellow (41%)
- Blue (65%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (31%)





- Cyan (31%)
- Magenta (59%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.1830, 16.1788, 37.5505 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 132.1830, 16.1788, 37.5505 by changing the saturation by 10% instead.


 132.1830, 16.1788,
37.5505


 132.1830, 16.1788,
37.5505


255.0000, 0.0000,
0.0000


 106.4710, 16.0368,
36.4209


 186.6070, 16.4627,
39.8097

 80.7590, 15.8948,
35.2914


 212.6390, 17.9260,
37.1506


 55.4600, 16.0422,
34.6766

 229.7590, 12.4438,
22.1364

 28.3400, 18.0734,
36.5358

 246.7820, 4.0515,
7.2072

 18.9550, 11.8542,
24.5955

 6.8790, 6.9617,
7.1221

 0.0000, 0.0000,

0.0000

■ 132.1830, 16.1788,
37.5505

■ 132.1830, 16.1788,
37.5505

■ 121.3890, 20.5142,
47.0168

■ 142.3900, 12.1327,
28.5990

■ 111.0680, 24.1235,
56.0684

■ 153.2980, 8.2341,
19.0327

■ 100.2740, 28.4589,
65.5347

■ 163.5050, 4.1880,
10.0811

■ 89.9530, 32.0682,
74.5862

■ 174.4130, 0.2894,
0.5148

■ 79.1590, 36.4036,
84.0526

■ 185.2070, -4.0461,
-8.9515

■ 69.4250, 39.7235,
92.5893

■ 195.5280, -7.6553,
-18.0031

■ 206.3220,
-11.9907, -27.4694

■ 216.6430,
-15.6000, -36.5209

■ 223.3280,
-17.9097, -42.3837

Harmonies

Analogous

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



130.6220, 30.2594, 1.2085



132.1830, 16.1788, 37.5505



130.2490, -0.6158, 57.6636

Triad

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



132.1830, 16.1788, 37.5505



124.9140, -36.4396, 21.1234



104.5120, 29.8206, -91.6570

Complementary

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



132.1830, 16.1788, 37.5505



146.8170, -16.1788, -37.5505

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.



100.8810, 13.3697, -88.4726



132.1830, 16.1788, 37.5505



120.6760, -28.9273, -8.4859

Square

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



132.1830, 16.1788, 37.5505



126.8490, -30.9846, 44.8594



113.4400, -11.0629, -45.1129



105.3560, 43.2085, -92.3972

Rectangle

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



132.1830, 16.1788, 37.5505



128.5840, -12.1199, 60.8778



113.4400, -11.0629, -45.1129



103.8450, 24.7264, -91.0721

Sweetspot

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



132.1830, 16.1788, 37.5505



210.6950, 6.0664, 14.2995



114.7850, 29.6860, -1.5654



105.2660, 3.3199, 8.5367



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.



132.1830, 16.1788, 37.5505



160.0190, 25.1336, 58.7423



128.1930, 0.8909, 41.0497



81.4890, 1.7309, 4.8331



59.5560, 34.2359, 79.3194



9.1570, 5.3456, 12.1403

Inverse Universe

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



132.1830, 16.1788, 37.5505



160.0190, 25.1336, 58.7423



150.8070, -0.8909, -41.0497



81.4890, 1.7309, 4.8331



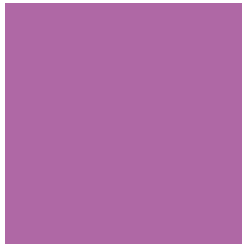
59.5560, 34.2359, 79.3194



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 132.1830, 16.1788, 37.5505 looks on a white background.

Color Contrast Check

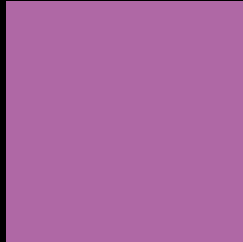
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.1830, 16.1788, 37.5505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

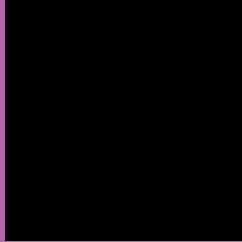
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.1830, 16.1788, 37.5505

Background



This preview shows how black text looks on a background with the YUV color 132.1830, 16.1788, 37.5505.



This preview shows how white text looks on a background with the YUV color 132.1830, 16.1788,

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

132.1830, 16.1788, 37.5505

Protanopia

128.7850, 26.2350, -14.7204

Deuteranopia

129.6910, 15.4353, -4.1140



Tritanopia

131.0690, -4.4710, 34.1425

Trichromacy



Original Color

132.1830, 16.1788, 37.5505

Protanomaly

130.2820, 22.5390, 4.1377

Deuteranomaly

130.4910, 15.5339, 10.9704

Tritanomaly

131.7300, 3.0911, 35.3168

Monochromacy



Original Color

132.1830, 16.1788, 37.5505

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.2820, 5.7770, 13.7847

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.1830, 16.1788, 37.5505 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, 104, 165)` looks like.

```
.text, #text, p{  
    color:rgb(175, 104, 165)  
}
```

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, 104, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 104, 165) }
```

Border

The CSS property to change the border of an element to YUV 132.1830, 16.1788, 37.5505 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, 104, 165) }
```


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

```
.border{ border-color:rgb(175, 104, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 104, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 104, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 104, 165);  
box-shadow:4px 4px 4px 4px rgb(175, 104,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 132.1830, 16.1788, 37.5505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 104, 165) }
```

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

```
.background{ background-color: rgb(175,  
104, 165) }
```

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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