

Converting Colors

YUV(117.2430, -5.0498,
33.1129)

Have a look what the booklet for
YUV(117.2430, -5.0498, 33.1129)
contains.

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Color

**YUV(117.2430, -5.0498,
33.1129)**

Conversions

Conversions Part 1

Format	Color
Hex	9B646B
RGB	155, 100, 107
RGB Percent	61%, 39%, 42%
CMY	0.3922, 0.6078, 0.5804
CMYK	0.00, 0.35, 0.31, 0.39
HSL	352°, 22%, 50%
HSV	352°, 35%, 61%
XYZ	20.7286, 17.1444, 16.1266
YIQ	117.2430, 30.5330, 13.8370

Conversions

Conversions Part 2

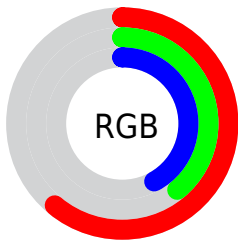
Format	Color
R_{YB}	155, 100, 107
Decimal	10183787
CIE Lab	48.44, 23.20, 5.29
CIE LCh	48, 23.793, 12.842
Yxy	17.1444, 0.3839, 0.3175
Android (android.graphics.Color)	4288373867 (0xFF9B646B)
YUV	117.2430, -5.0498, 33.1129
Hunter-Lab	41.4058, 16.9004, 5.8920

Details

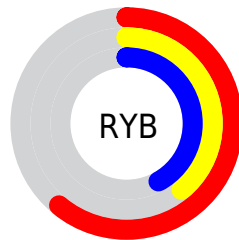
The YUV color **117.2430, -5.0498, 33.1129** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.7570, 5.0498, -33.1129**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7380, -5.7868, 36.1868**, and **67.8620, -3.8760, 29.9390** is the 20% darker color. If you saturate the color by 10%, you get **106.8420, -6.8241, 42.2346**, and if you desaturate by 10%, it is **128.2310, -3.5649, 23.4764**.

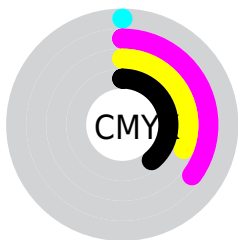
Distribution



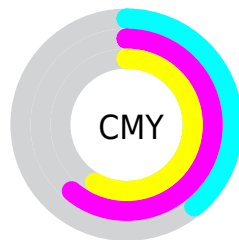
- Red (61%)
- Green (39%)
- Blue (42%)



- Red (61%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.2430, -5.0498, 33.1129 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 117.2430, -5.0498, 33.1129 by changing the saturation by 10% instead.


 117.2430, -5.0498,
33.1129

 117.2430, -5.0498,
33.1129


255.0000, 0.0000,
0.0000

 92.3460, -4.6076,
31.2686


 169.7380, -5.7868,
36.1868

 67.8620, -3.8760,
29.9390


 197.3360, -6.0816,
37.4163

 44.9650, -3.4337,
28.0947

 221.4490, -4.1654,
29.4242

 21.7090, -1.8285,
26.5652

 241.0770, -0.0380,
12.2105

 9.0840, -3.9854,
18.3433

 0.0000, 0.0000,
0.0000

■ 117.2430, -5.0498,
33.1129

■ 117.2430, -5.0498,
33.1129

■ 106.8420, -6.8241,
42.2346

■ 128.2310, -3.5649,
23.4764

■ 95.9680, -7.8722,
51.7711

■ 138.5180, -2.2274,
14.4547

■ 85.5670, -9.6465,
60.8927

■ 149.5060, -0.7425,
4.8182

■ 74.6930, -10.6946,
70.4292

■ 159.7930, 0.5951,
-4.2035

■ 64.2920, -12.4690,
79.5509

■ 170.7810, 2.0800,
-13.8399

■ 53.4180, -13.5171,
89.0874


■ 181.0680, 3.4175,
-22.8616

■ 48.6250, -14.1121,
93.2909

■ 192.0560, 4.9024,
-32.4981

■ 202.3430, 6.2399,

-41.5198

 213.3310, 7.7248,
-51.1563

Harmonies

Analogous

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



117.7180, 4.5760, 25.6803



117.2430, -5.0498, 33.1129



116.0550, -13.3381, 31.5238

Triad

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



117.2430, -5.0498, 33.1129



110.6060, -12.6238, -11.0555



109.1110, 21.6373, -33.4233

Complementary

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



117.2430, -5.0498, 33.1129



137.7570, 5.0498, -33.1129

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.



103.6270, 18.9179, -47.9079



117.2430, -5.0498, 33.1129



107.2430, -2.0918, -29.1541

Square

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



117.2430, -5.0498, 33.1129



113.2230, -18.3509, 5.9434



103.8310, 9.4503, -44.5788



114.6730, 19.3882, -11.9912

Rectangle

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



117.2430, -5.0498, 33.1129



115.5720, -17.5370, 24.9314



103.8310, 9.4503, -44.5788



107.2520, 21.0748, -39.6860

Sweetspot

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



117.2430, -5.0498, 33.1129



185.9200, -1.9326, 13.2252



120.6220, 16.9484, 24.0105



93.0010, -1.4795, 7.8921



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



117.2430, -5.0498, 33.1129



141.9680, -7.8722, 51.7711



128.1850, -13.8952, 23.5168



71.5060, -0.7425, 4.8182



43.9120, -12.7746, 84.2692



4.1150, -1.0427, 7.7921

Inverse Universe

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



117.2430, -5.0498, 33.1129



141.9680, -7.8722, 51.7711



126.8150, 13.8952, -23.5168



71.5060, -0.7425, 4.8182



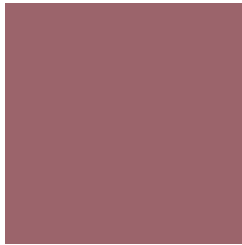
43.9120, -12.7746, 84.2692



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 117.2430, -5.0498, 33.1129 looks on a white 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

Black Background



This preview shows how the YUV color 117.2430, -5.0498, 33.1129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

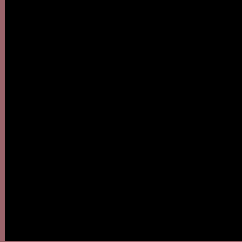
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.2430, -5.0498, 33.1129

Background



This preview shows how black text looks on a background with the YUV color 117.2430, -5.0498, 33.1129.



This preview shows how white text looks on a background with the YUV color 117.2430, -5.0498,

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

117.2430, -5.0498, 33.1129

Protanopia

115.5980, -0.2948, 1.2296

Deuteranopia

115.9970, -5.4215, 12.2806



Tritanopia

117.2430, -5.0498, 33.1129

Trichromacy



Original Color

117.2430, -5.0498, 33.1129

Protanomaly

116.5070, -2.2220, 12.7104

Deuteranomaly

116.4540, -5.1538, 19.7728

Tritanomaly

117.2430, -5.0498, 33.1129

Monochromacy



Original Color

117.2430, -5.0498, 33.1129

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.2080, -2.0745, 12.0956

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2430, -5.0498, 33.1129 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(155, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(155, 100, 107)  
}
```

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(155, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 100, 107) }
```

Border

The CSS property to change the border of an element to YUV 117.2430, -5.0498, 33.1129 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(155, 100, 107) }
```


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

```
.border{ border-color:rgb(155, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 100, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 100, 107); box-shadow:4px 4px 4px 4px rgb(155, 100, 107) }
```

Background

The CSS property to change the background color of an element to YUV 117.2430, -5.0498, 33.1129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 100, 107) }
```

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

```
.background{ background-color: rgb(155,  
100, 107) }
```

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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