

Converting Colors

YUV(138.5150, 12.5641,
30.2433)

Have a look what the booklet for
YUV(138.5150, 12.5641, 30.2433)
contains.

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Color

**YUV(138.5150, 12.5641,
30.2433)**

Conversions

Conversions Part 1

Format	Color
Hex	AD74A4
RGB	173, 116, 164
RGB Percent	68%, 45%, 64%
CMY	0.3216, 0.5451, 0.3569
CMYK	0.00, 0.33, 0.05, 0.32
HSL	309°, 26%, 57%
HSV	309°, 33%, 68%
XYZ	30.1798, 24.0554, 38.1745
YIQ	138.5150, 18.5640, 27.0120

Conversions

Conversions Part 2

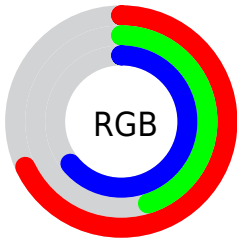
Format	Color
R_{YB}	173, 116, 164
Decimal	11367588
CIE _{Lab}	56.14, 30.15, -16.64
CIE _{LCh}	56, 34.437, 331.102
Yxy	24.0554, 0.3266, 0.2603
Android (android.graphics.Color)	4289557668 (0xFFAD74A4)
YUV	138.5150, 12.5641, 30.2433
Hunter-Lab	49.0463, 24.0061, -11.8151

Details

The YUV color **138.5150, 12.5641, 30.2433** is a light color, and the websafe version is hex **996699**. A complement of this color would be **150.4850, -12.5641, -30.2433**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.6400, 12.9955, 31.8877**, and **87.3900, 12.1327, 28.5990** is the 20% darker color. If you saturate the color by 10%, you get **128.1940, 16.1734, 39.2949**, and if you desaturate by 10%, it is **148.8360, 8.9549, 21.1918**.

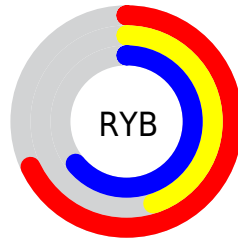
Distribution



Red (68%)

Green (45%)

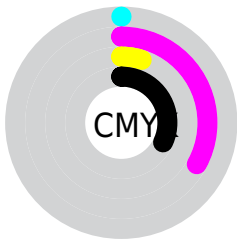
Blue (64%)



Red (68%)

Yellow (45%)

Blue (64%)

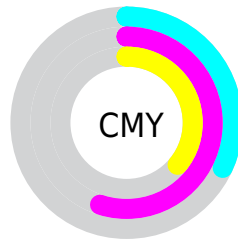


Cyan (0%)

Magenta (33%)

Yellow (5%)

Black (32%)



Cyan (32%)


Magenta (55%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.5150, 12.5641, 30.2433 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 138.5150, 12.5641, 30.2433 by changing the saturation by 10% instead.


 138.5150, 12.5641,
30.2433


 138.5150, 12.5641,
30.2433


255.0000, 0.0000,
0.0000

 112.8030, 12.4221,
29.1138


 192.6400, 12.9955,
31.8877

 87.3900, 12.1327,
28.5990


 219.5690, 14.0165,
31.0730


 63.3790, 12.1382,
26.8546

 237.3900, 8.6817,
15.4440

 39.0800, 12.2856,
26.2398

253.8260, 0.5788,
1.0296

 18.5420, 11.5648,
24.0807

 8.3740, 6.2246,
10.1960

 0.0000, 0.0000,

0.0000

■ 138.5150, 12.5641,
30.2433

■ 138.5150, 12.5641,
30.2433

■ 128.1940, 16.1734,
39.2949

■ 148.8360, 8.9549,
21.1918

■ 117.4000, 20.5088,
48.7612

■ 159.6300, 4.6194,
11.7255

■ 107.0790, 24.1181,
57.8127

■ 169.9510, 1.0102,
2.6740

■ 96.7580, 27.7273,
66.8642

■ 180.2720, -2.5991,
-6.3775

■ 86.4370, 31.3366,
75.9158

■ 191.1800, -6.4977,
-15.9439

■ 75.6430, 35.6720,
85.3821

■ 201.3870,
-10.5438, -24.8954

■ 68.3710, 38.2711,
91.7596

■ 211.7080,
-14.1530, -33.9469

■ 222.0290,
-17.7623, -42.9984

■ 222.9580,
-16.7413, -43.8132

Harmonies

Analogous

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



136.7270, 24.2916, 1.9934



138.5150, 12.5641, 30.2433



137.3570, -1.1620, 46.1679

Triad

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



138.5150, 12.5641, 30.2433



132.2540, -28.7192, 18.1942



106.8600, 28.6630, -93.7162

Complementary

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



138.5150, 12.5641, 30.2433



150.4850, -12.5641, -30.2433

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.



114.5030, 10.1050, -67.9701



138.5150, 12.5641, 30.2433



129.1800, -23.2597, -6.2969

Square

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



138.5150, 12.5641, 30.2433



134.5860, -25.4319, 37.1971



124.2610, -9.4957, -34.4319



112.8970, 36.0398, -79.7167

Rectangle

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



138.5150, 12.5641, 30.2433



136.2620, -10.4822, 48.8822



124.2610, -9.4957, -34.4319



105.7200, 24.2950, -92.7164

Sweetspot

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



138.5150, 12.5641, 30.2433



210.7440, 5.0562, 11.6255



125.1890, 23.5708, -0.1658



104.1410, 2.8885, 6.8923



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



138.5150, 12.5641, 30.2433



170.1610, 19.6406, 47.2168



135.3230, 0.3338, 33.0427



81.4890, 1.7309, 4.8331



59.3280, 33.3623, 79.5193



9.0430, 4.9088, 12.2403

Inverse Universe

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



138.5150, 12.5641, 30.2433



170.1610, 19.6406, 47.2168



153.6770, -0.3338, -33.0427



81.4890, 1.7309, 4.8331



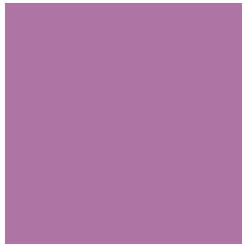
59.3280, 33.3623, 79.5193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 138.5150, 12.5641, 30.2433 looks on a white background.

Color Contrast Check

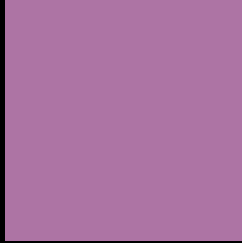
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.5150, 12.5641, 30.2433 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 138.5150, 12.5641, 30.2433

Background



This preview shows how black text looks on a background with the YUV color 138.5150, 12.5641, 30.2433.



This preview shows how white text looks on a background with the YUV color 138.5150, 12.5641,

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

138.5150, 12.5641, 30.2433

Protanopia

134.9120, 20.2564, -10.4468

Deuteranopia

136.2030, 12.2249, -1.0550



Tritanopia

137.1930, -2.5601, 27.8947

Trichromacy



Original Color

138.5150, 12.5641, 30.2433

Protanomaly

136.3160, 17.5922, 4.1079

Deuteranomaly

136.9810, 12.3344, 10.5407

Tritanomaly

137.6860, 3.1128, 28.3394

Monochromacy



Original Color

138.5150, 12.5641, 30.2433

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9180, 4.4774, 10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5150, 12.5641, 30.2433 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(173, 116, 164)` looks like.

```
.text, #text, p{  
    color:rgb(173, 116, 164)  
}
```

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(173, 116, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 116, 164) }
```

Border

The CSS property to change the border of an element to YUV 138.5150, 12.5641, 30.2433 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(173, 116, 164) }
```


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

```
.border{ border-color:rgb(173, 116, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 116, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 116, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 116, 164);  
box-shadow:4px 4px 4px 4px rgb(173, 116,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 138.5150, 12.5641, 30.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 116, 164) }
```

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

```
.background{ background-color: rgb(173,  
116, 164) }
```

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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