

Converting Colors

YUV(138.6500, 14.4696,
25.7400)

Have a look what the booklet for
YUV(138.6500, 14.4696, 25.7400)
contains.

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Color

**YUV(138.6500, 14.4696,
25.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	A876A8
RGB	168, 118, 168
RGB Percent	66%, 46%, 66%
CMY	0.3412, 0.5373, 0.3412
CMYK	0.00, 0.30, 0.00, 0.34
HSL	300°, 22%, 56%
HSV	300°, 30%, 66%
XYZ	29.6948, 24.1089, 40.1342
YIQ	138.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

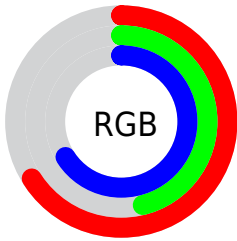
Format	Color
R _{YB}	168, 118, 168
Decimal	11040424
CIE _{Lab}	56.20, 28.08, -18.92
CIE _{LCh}	56, 33.862, 326.026
Yxy	24.1089, 0.3161, 0.2566
Android (android.graphics.Color)	4289230504 (0xFFA876A8)
YUV	138.6500, 14.4696, 25.7400
Hunter-Lab	49.1008, 22.0255, -14.0922

Details

The YUV color **138.6500, 14.4696, 25.7400** is a light color, and the websafe version is hex **996699**. A complement of this color would be **147.3500, -14.4695, -25.7399**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.7750, 14.9009, 27.3843**, and **88.1120, 13.7488, 23.5808** is the 20% darker color. If you saturate the color by 10%, you get **128.6710, 19.3892, 34.4915**, and if you desaturate by 10%, it is **148.6290, 9.5499, 16.9884**.

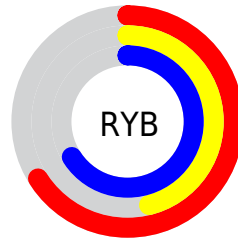
Distribution



Red (66%)

Green (46%)

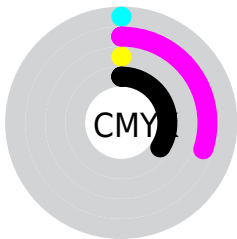
Blue (66%)



Red (66%)

Yellow (46%)

Blue (66%)

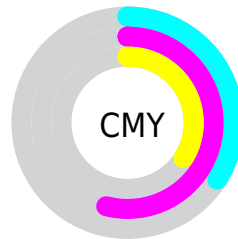


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (34%)



Cyan (34%)


Magenta (54%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.6500, 14.4696, 25.7400 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 138.6500, 14.4696, 25.7400 by changing the saturation by 10% instead.


 138.6500, 14.4696,
25.7400


 138.6500, 14.4696,
25.7400


255.0000, 0.0000,
0.0000


 112.8240, 13.8908,
24.7104


 192.7750, 14.9009,
27.3843


 88.1120, 13.7488,
23.5808


 220.6010, 15.4797,
28.4139

 63.6990, 13.4594,
23.0660

 238.5640, 8.1029,
14.4144

 39.9870, 13.3174,
21.9364

 17.6880, 13.4648,
21.3216

 7.2210, 8.2720,
6.8222

 0.0000, 0.0000,

0.0000

■ 138.6500, 14.4696,
25.7400

■ 138.6500, 14.4696,
25.7400

■ 128.6710, 19.3892,
34.4915

■ 148.6290, 9.5499,
16.9884

■ 118.6920, 24.3088,
43.2431

■ 158.6080, 4.6303,
8.2368

■ 109.3000, 28.9391,
51.4799

■ 168.0000, 0.0000,
0.0000

■ 99.3210, 33.8587,
60.2315

■ 177.9790, -4.9196,
-8.7516

■ 89.3420, 38.7784,
68.9831

■ 187.9580, -9.8393,
-17.5032

■ 79.3630, 43.6980,
77.7346

■ 197.9370,
-14.7589, -26.2547

■ 69.3840, 48.6177,
86.4862

■ 207.9160,
-19.6786, -35.0063

■ 217.3080,
-24.3088, -43.2431

■ 219.0690,
-25.1770, -44.7875

Harmonies

Analogous

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



136.6230, 25.3289, -4.0544



138.6500, 14.4696, 25.7400



137.9160, 1.0274, 43.9237

Triad

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



138.6500, 14.4696, 25.7400



132.9770, -28.5827, 21.0682



106.2900, 26.4790, -93.2163

Complementary

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



138.6500, 14.4696, 25.7400



147.3500, -14.4695, -25.7399

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.



117.8200, 6.0047, -59.4781



138.6500, 14.4696, 25.7400



130.2730, -24.2916, -1.9934

Square

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



138.6500, 14.4696, 25.7400



134.7650, -23.5481, 39.6711



125.6100, -12.1327, -28.5990



110.1520, 35.9141, -86.0793

Rectangle

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



138.6500, 14.4696, 25.7400



136.8320, -8.2982, 48.3823



125.6100, -12.1327, -28.5990



105.1500, 22.1110, -92.2166

Sweetspot

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



138.6500, 14.4696, 25.7400



207.8470, 5.4984, 9.7812



123.7000, 21.8399, -4.9989



102.9560, 3.4727, 6.1776



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



138.6500, 14.4696, 25.7400



172.6270, 22.8619, 40.6691



135.8000, 3.5496, 28.2394



79.3040, 2.3151, 4.1184



61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Inverse Universe

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



138.6500, 14.4696, 25.7400



172.6270, 22.8619, 40.6691



150.2000, -3.5496, -28.2394



79.3040, 2.3151, 4.1184



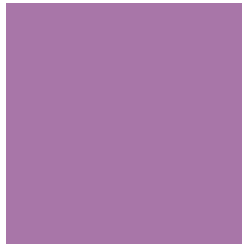
61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 138.6500, 14.4696, 25.7400 looks on a white background.

Color Contrast Check

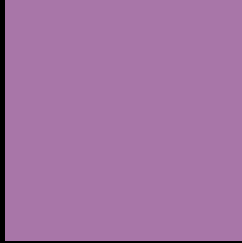
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6500, 14.4696, 25.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

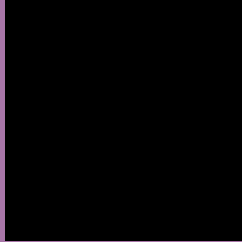
Any Text WCAG AA ✓ Pass

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 138.6500, 14.4696, 25.7400 Background



This preview shows how black text looks on a background with the YUV color 138.6500, 14.4696, 25.7400.



This preview shows how white text looks on a background with the YUV color 138.6500, 14.4696,

25.7400.

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

138.6500, 14.4696, 25.7400

Protanopia

134.9550, 21.7142, -11.3615

Deuteranopia

136.0610, 14.2669, -2.6845



Tritanopia

137.3880, -1.6703, 22.4617

Trichromacy



Original Color

138.6500, 14.4696, 25.7400

Protanomaly

136.6470, 18.9080, 2.0636

Deuteranomaly

137.1270, 14.2344, 7.7816

Tritanomaly

137.5930, 4.1447, 24.0359

Monochromacy



Original Color

138.6500, 14.4696, 25.7400

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.8470, 5.4984, 9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.6500, 14.4696, 25.7400 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(168, 118, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 118, 168)  
}
```

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(168, 118, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 118, 168) }
```

Border

The CSS property to change the border of an element to YUV 138.6500, 14.4696, 25.7400 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(168, 118, 168) }
```


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

```
.border{ border-color:rgb(168, 118, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 118, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 118, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 118, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 118,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 138.6500, 14.4696, 25.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 118, 168) }
```

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

```
.background{ background-color: rgb(168,  
118, 168) }
```

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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