

Converting Colors

YUV(138.1460, 8.8020, 23.5510)

Have a look what the booklet for
YUV(138.1460, 8.8020, 23.5510)
contains.

YUV(138.1460, 8.8020, 23.5510)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(138.1460, 8.8020,
23.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	A5799C
RGB	165, 121, 156
RGB Percent	65%, 47%, 61%
CMY	0.3529, 0.5255, 0.3882
CMYK	0.00, 0.27, 0.05, 0.35
HSL	312°, 20%, 56%
HSV	312°, 27%, 65%
XYZ	28.3552, 24.0744, 34.6048
YIQ	138.1460, 14.9890, 20.2130

Conversions

Conversions Part 2

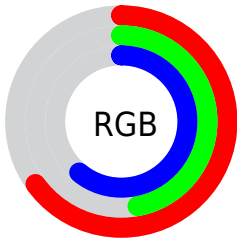
Format	Color
R _Y B	165, 121, 156
Decimal	10844572
CIE Lab	56.16, 23.05, -12.07
CIE LCh	56, 26.018, 332.364
Yxy	24.0744, 0.3258, 0.2766
Android (android.graphics.Color)	4289034652 (0xFFA5799C)
YUV	138.1460, 8.8020, 23.5510
Hunter-Lab	49.0656, 17.2908, -7.4699

Details

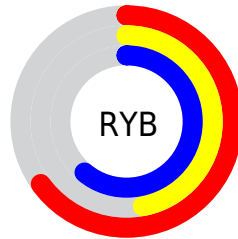
The YUV color **138.1460, 8.8020, 23.5510** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **147.8540, -8.8020, -23.5510**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2710, 9.2334, 25.1953**, and **87.7220, 8.5181, 21.2918** is the 20% darker color. If you saturate the color by 10%, you get **127.8250, 12.4113, 32.6025**, and if you desaturate by 10%, it is **147.8800, 5.4822, 15.0142**.

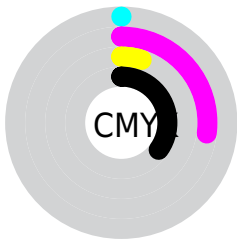
Distribution



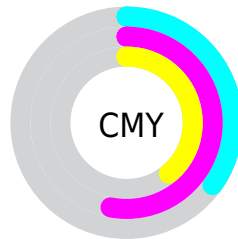
- Red (65%)
- Green (47%)
- Blue (61%)



- Red (65%)
- Yellow (47%)
- Blue (61%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (35%)



- Cyan (35%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.1460, 8.8020, 23.5510 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 138.1460, 8.8020, 23.5510 by changing the saturation by 10% instead.

 138.1460, 8.8020,
23.5510

 138.1460, 8.8020,
23.5510

255.0000, 0.0000,
0.0000


 112.4340, 8.6600,
22.4214


 192.2710, 9.2334,
25.1953


 87.7220, 8.5181,
21.2918

 219.6840, 9.5228,
25.7101

 64.3090, 8.2287,
20.7770

 239.7380, 7.5242,
13.3848

 41.0100, 8.3761,
20.1622

 18.7110, 8.5235,
19.5475

 4.7710, 4.0569,
5.4628

 0.0000, 0.0000,

0.0000

■ 138.1460, 8.8020,
23.5510

■ 138.1460, 8.8020,
23.5510

■ 127.8250, 12.4113,
32.6025

■ 147.8800, 5.4822,
15.0142

■ 117.9770, 15.2943,
41.2392

■ 158.3150, 2.3097,
5.8627

■ 107.6560, 18.9036,
50.2907

■ 168.0490, -1.0102,
-2.6740

■ 97.9220, 22.2235,
58.8274

■ 178.3700, -4.6194,
-11.7255

■ 87.4870, 25.3959,
67.9789

■ 188.2180, -7.5025,
-20.3622

■ 77.7530, 28.7158,
76.5156

■ 198.5390,
-11.1117, -29.4137

■ 67.3180, 31.8882,
85.6671

■ 208.3870,
-13.9948, -38.0504

■ 64.2690, 32.8984,
88.3411

■ 218.7080,
-17.6040, -47.1019

■ 220.2240,
-16.8724, -48.4314

Harmonies

Analogous

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



136.7180, 17.8870, 2.8783



138.1460, 8.8020, 23.5510



137.7640, -1.8557, 35.2870

Triad

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



138.1460, 8.8020, 23.5510



133.3550, -21.8670, 13.7207



121.6540, 17.9186, -54.0706

Complementary

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



138.1460, 8.8020, 23.5510



147.8540, -8.8020, -23.5510

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.



123.6200, 6.1033, -44.3937



138.1460, 8.8020, 23.5510



130.7870, -17.1500, -5.9522

Square

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



138.1460, 8.8020, 23.5510



135.0240, -19.7318, 28.9200



127.2990, -7.0494, -25.6952



126.2020, 23.5644, -44.9042

Rectangle

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



138.1460, 8.8020, 23.5510



137.2390, -8.9918, 37.5014



127.2990, -7.0494, -25.6952



122.0410, 14.2768, -52.6560

Sweetspot

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



138.1460, 8.8020, 23.5510



203.6790, 3.6093, 9.0515



128.7070, 17.8924, 1.1340



100.3150, 2.3097, 5.8627



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



138.1460, 8.8020, 23.5510



172.4880, 13.5634, 36.4060



135.6380, -0.8075, 25.7505



76.4890, 1.7309, 4.8331



56.5790, 29.2946, 77.5452



6.9780, 3.4618, 9.6663

Inverse Universe

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



138.1460, 8.8020, 23.5510



172.4880, 13.5634, 36.4060



150.3620, 0.8075, -25.7505



76.4890, 1.7309, 4.8331



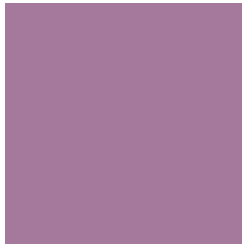
56.5790, 29.2946, 77.5452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 138.1460, 8.8020, 23.5510 looks on a white background.

Color Contrast Check

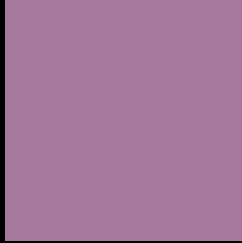
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.1460, 8.8020, 23.5510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

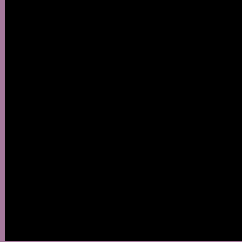
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.1460, 8.8020, 23.5510

Background



This preview shows how black text looks on a background with the YUV color 138.1460, 8.8020, 23.5510.



This preview shows how white text looks on a background with the YUV color 138.1460, 8.8020,

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

138.1460, 8.8020, 23.5510

Protanopia

135.6260, 13.9884, -6.6880

Deuteranopia

136.0140, 8.8671, 2.6187



Tritanopia

137.2030, -1.0861, 21.7470

Trichromacy



Original Color

138.1460, 8.8020, 23.5510

Protanomaly

136.2360, 12.2087, 4.1780

Deuteranomaly

136.4710, 9.1348, 10.1109

Tritanomaly

137.8270, 2.5503, 22.0767

Monochromacy



Original Color

138.1460, 8.8020, 23.5510

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.2660, 3.3199, 8.5367

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.1460, 8.8020, 23.5510 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(165, 121, 156)` looks like.

```
.text, #text, p{  
    color:rgb(165, 121, 156)  
}
```

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(165, 121, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 121, 156) }
```

Border

The CSS property to change the border of an element to YUV 138.1460, 8.8020, 23.5510 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(165, 121, 156) }
```


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

```
.border{ border-color:rgb(165, 121, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 121, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 121, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 121, 156);  
box-shadow:4px 4px 4px 4px rgb(165, 121,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 138.1460, 8.8020, 23.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 121, 156) }
```

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

```
.background{ background-color: rgb(165,  
121, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor