

Converting Colors

YUV(138.0860, 16.7196,
50.7906)

Have a look what the booklet for
YUV(138.0860, 16.7196, 50.7906)
contains.

YUV(138.0860, 16.7196, 50.7906)	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(138.0860, 16.7196,
50.7906)**

Conversions

Conversions Part 1

Format	Color
Hex	C466AC
RGB	196, 102, 172
RGB Percent	77%, 40%, 67%
CMY	0.2314, 0.6000, 0.3255
CMYK	0.00, 0.48, 0.12, 0.23
HSL	315°, 44%, 58%
HSV	315°, 48%, 77%
XYZ	34.9627, 24.2171, 41.8613
YIQ	138.0860, 33.5540, 41.6980

Conversions

Conversions Part 2

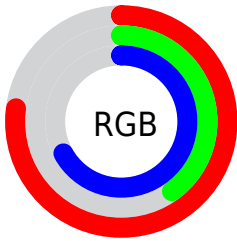
Format	Color
R _{YB}	196, 102, 172
Decimal	12871340
CIE _{Lab}	56.30, 46.60, -20.77
CIE _{LCh}	56, 51.015, 335.981
Y _{xy}	24.2171, 0.3460, 0.2397
Android (android.graphics.Color)	4291061420 (0xFFC466AC)
YUV	138.0860, 16.7196, 50.7906
Hunter-Lab	49.2108, 40.6995, -15.9876

Details

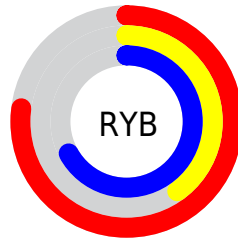
The YUV color **138.0860, 16.7196, 50.7906** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **159.9140, -16.7196, -50.7906**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.5100, 17.0036, 53.0497**, and **84.8900, 17.3092, 48.3315** is the 20% darker color. If you saturate the color by 10%, you get **125.7760, 20.3234, 61.5864**, and if you desaturate by 10%, it is **150.3960, 13.1158, 39.9947**.

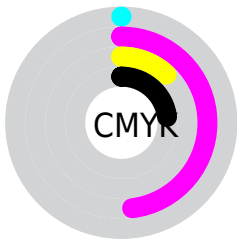
Distribution



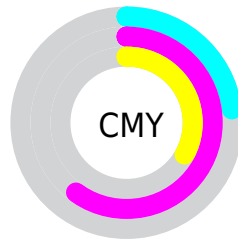
- Red (77%)
- Green (40%)
- Blue (67%)



- Red (77%)
- Yellow (40%)
- Blue (67%)



- Cyan (0%)
- Magenta (48%)
- Yellow (12%)
- Black (23%)





- Cyan (23%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.0860, 16.7196, 50.7906 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 138.0860, 16.7196, 50.7906 by changing the saturation by 10% instead.


 138.0860, 16.7196,
50.7906


 138.0860, 16.7196,
50.7906


255.0000, 0.0000,
0.0000


 111.3740, 16.5776,
49.6610


 193.5100, 17.0036,
53.0497

 84.8900, 17.3092,
48.3315


 212.7360, 20.8362,
37.0655


 56.3570, 19.0510,
49.6759

 229.7590, 12.4438,
22.1364

 34.1070, 18.1882,
46.3872

 246.7820, 4.0515,
7.2072

 23.7110, 11.9745,
32.7025

 14.4400, 6.1921,
20.6621

 0.0000, 0.0000,

0.0000

■ 138.0860, 16.7196,
50.7906

■ 138.0860, 16.7196,
50.7906

■ 125.7760, 20.3234,
61.5864

■ 150.3960, 13.1158,
39.9947

■ 114.0530, 23.6379,
71.8675

■ 162.1190, 9.8013,
29.7136

■ 101.7430, 27.2417,
82.6634

■ 174.4290, 6.1975,
18.9178

■ 90.0200, 30.5561,
92.9445

■ 186.1520, 2.8831,
8.6367

■ 77.7100, 34.1600,
103.7403

■ 198.4620, -0.7208,
-2.1592

■ 75.2480, 34.8807,
105.8995

■ 210.7720, -4.3246,
-12.9550

■ 222.4950, -7.6390,
-23.2361

■ 232.4570,
-10.0853, -31.9728

■ 233.0270, -7.9013,
-32.4727

Harmonies

Analogous

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



138.5890, 33.7266, 9.1304



138.0860, 16.7196, 50.7906



134.9410, -3.4219, 71.0887

Triad

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



138.0860, 16.7196, 50.7906



129.5410, -44.1437, 18.8195



112.1890, 36.3888, -98.3898

Complementary

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



138.0860, 16.7196, 50.7906



159.9140, -16.7196, -50.7906

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.



108.4610, 17.0277, -95.1203



138.0860, 16.7196, 50.7906



124.1110, -32.0997, -17.6373

Square

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



138.0860, 16.7196, 50.7906



132.5800, -39.7259, 48.6033



109.2300, -6.0294, -72.9927



112.0870, 51.2291, -98.3003

Rectangle

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



138.0860, 16.7196, 50.7906



133.6840, -17.0992, 71.3141



109.2300, -6.0294, -72.9927



111.2940, 30.4211, -97.6048

Sweetspot

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



138.0860, 16.7196, 50.7906



232.8420, 6.4869, 19.4326



119.8920, 37.5212, 5.3567



114.4020, 3.7458, 11.9254



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



138.0860, 16.7196, 50.7906



163.7920, 26.2315, 79.9894



132.8420, -3.3731, 55.3896



90.7880, 1.5835, 5.4479



61.8190, 28.6832, 86.9817



12.7170, 6.0555, 17.7882

Inverse Universe

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



138.0860, 16.7196, 50.7906



163.7920, 26.2315, 79.9894



165.2720, 3.8099, -55.4895



90.7880, 1.5835, 5.4479



61.8190, 28.6832, 86.9817



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 138.0860, 16.7196, 50.7906 looks on a white background.

Color Contrast Check

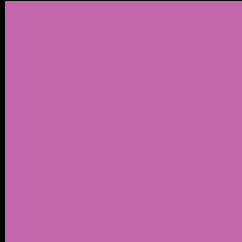
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.0860, 16.7196, 50.7906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

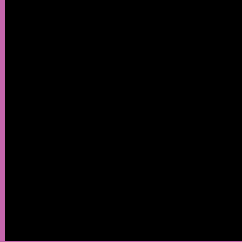
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.0860, 16.7196, 50.7906

Background



This preview shows how black text looks on a background with the YUV color 138.0860, 16.7196, 50.7906.



This preview shows how white text looks on a background with the YUV color 138.0860, 16.7196, 50.7906.

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

138.0860, 16.7196, 50.7906

Protanopia

134.8000, 30.1716, -17.3646

Deuteranopia

136.8760, 14.8511, -3.3993



Tritanopia

136.9350, -7.8560, 46.5380

Trichromacy



Original Color

138.0860, 16.7196, 50.7906

Protanomaly

135.9880, 25.1489, 7.0265

Deuteranomaly

137.5240, 15.5177, 16.2035

Tritanomaly

137.3510, 1.3060, 47.9272

Monochromacy



Original Color

138.0860, 16.7196, 50.7906

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.0160, 5.9081, 18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.0860, 16.7196, 50.7906 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(196, 102, 172)` looks like.

```
.text, #text, p{  
    color:rgb(196, 102, 172)  
}
```

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(196, 102, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 102, 172) }
```

Border

The CSS property to change the border of an element to YUV 138.0860, 16.7196, 50.7906 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(196, 102, 172) }
```


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

```
.border{ border-color:rgb(196, 102, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 102, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 102, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 102, 172);  
box-shadow:4px 4px 4px 4px rgb(196, 102,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 138.0860, 16.7196, 50.7906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 102, 172) }
```

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

```
.background{ background-color: rgb(196,  
102, 172) }
```

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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