

Converting Colors

YUV(138.7690, 4.0579, 51.9456)

Have a look what the booklet for
YUV(138.7690, 4.0579, 51.9456)
contains.

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Color

**YUV(138.7690, 4.0579,
51.9456)**

Conversions

Conversions Part 1

Format	Color
Hex	C66B93
RGB	198, 107, 147
RGB Percent	78%, 42%, 58%
CMY	0.2235, 0.5804, 0.4235
CMYK	0.00, 0.46, 0.26, 0.22
HSL	334°, 44%, 60%
HSV	334°, 46%, 78%
XYZ	33.8129, 24.6277, 30.5753
YIQ	138.7690, 41.3960, 31.7320

Conversions

Conversions Part 2

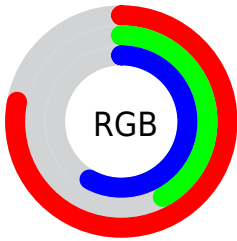
Format	Color
R _Y B	198, 107, 147
Decimal	13003667
CIE Lab	56.71, 40.87, -5.60
CIE LCh	57, 41.257, 352.192
Yxy	24.6277, 0.3799, 0.2767
Android (android.graphics.Color)	4291193747 (0xFFC66B93)
YUV	138.7690, 4.0579, 51.9456
Hunter-Lab	49.6263, 34.7747, -1.7907

Details

The YUV color $138.7690, 4.0579, 51.9456$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $166.2310, -4.0579, -51.9456$, and the grayscale version is $139.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.0790, 3.9051, 54.3047$, and $86.2740, 4.7949, 48.8717$ is the 20% darker color. If you saturate the color by 10%, you get $125.7750, 5.0409, 63.3413$, and if you desaturate by 10%, it is $151.7630, 3.0748, 40.5498$.

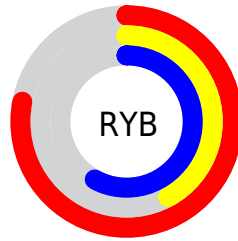
Distribution



Red (78%)

Green (42%)

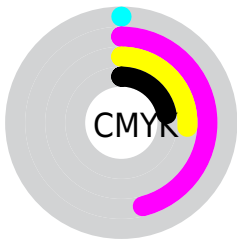
Blue (58%)



Red (78%)

Yellow (42%)

Blue (58%)

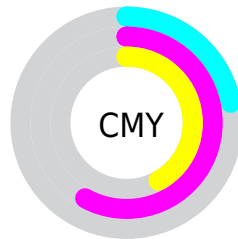


Cyan (0%)

Magenta (46%)

Yellow (26%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.7690, 4.0579, 51.9456 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 138.7690, 4.0579, 51.9456 by changing the saturation by 10% instead.

 138.7690, 4.0579,
51.9456


 138.7690, 4.0579,
51.9456

255.0000, 0.0000,
0.0000


 112.1710, 4.3527,
50.7160


 193.0790, 3.9051,
54.3047


 86.2740, 4.7949,
48.8717

 212.7070, 8.0324,
37.0910


 59.7300, 6.5421,
48.4718

 232.1070, 11.2862,
20.0772

 32.0120, 8.8681,
49.1015

 249.1300, 2.8939,
5.1480

 21.8440, 3.5279,
35.2168

 12.0740, -5.4595,
24.4911

 0.0000, 0.0000,

0.0000

■ 138.7690, 4.0579,
51.9456

■ 138.7690, 4.0579,
51.9456

■ 125.7750, 5.0409,
63.3413

■ 151.7630, 3.0748,
40.5498

■ 112.7810, 6.0240,
74.7371

■ 164.7570, 2.0918,
29.1541

■ 100.3740, 6.7176,
85.6180

■ 177.1640, 1.3981,
18.2732

■ 87.3800, 7.7007,
97.0137

■ 190.1580, 0.4151,
6.8774

■ 74.3860, 8.6837,
108.4095

■ 203.1520, -0.5679,
-4.5183

■ 69.1200, 8.8148,
113.0278

■ 216.2600, -1.1142,
-16.0140

■ 229.2540, -2.0972,
-27.4098

■ 235.7910, 0.1030,
-33.1427

■ 237.0450, 4.9078,
-34.2425

Harmonies

Analogous

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



140.0400, 19.7003, 28.0289



138.7690, 4.0579, 51.9456



137.0460, -12.8407, 58.7187

Triad

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



138.7690, 4.0579, 51.9456



130.1610, -31.1384, 0.7358



110.5250, 40.1672, -96.9304

Complementary

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



138.7690, 4.0579, 51.9456



166.2310, -4.0579, -51.9456

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.



108.8660, 26.1951, -95.4755



138.7690, 4.0579, 51.9456



124.9210, -17.2161, -31.5027

Square

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



138.7690, 4.0579, 51.9456



133.7130, -34.8615, 28.3157



108.2360, 8.2647, -84.3990



121.5920, 42.1061, -65.4172

Rectangle

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



138.7690, 4.0579, 51.9456



135.9670, -23.1547, 53.5259



108.2360, 8.2647, -84.3990



110.0860, 35.9466, -96.5454

Sweetspot

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



138.7690, 4.0579, 51.9456



231.5880, 1.6821, 20.5323



132.3240, 32.3783, 21.6409



113.6040, 0.6882, 12.6253



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.



138.7690, 4.0579, 51.9456



163.8140, 6.0077, 79.9701



137.1440, -14.8610, 53.3707



93.1470, 0.4205, 5.1331



56.9450, 7.4221, 93.0102



12.5880, 1.6821, 20.5323

Inverse Universe

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



138.7690, 4.0579, 51.9456



163.8140, 6.0077, 79.9701



167.8560, 14.8610, -53.3707



93.1470, 0.4205, 5.1331



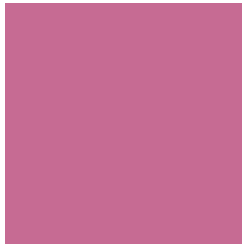
56.9450, 7.4221, 93.0102



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 138.7690, 4.0579, 51.9456 looks on a white background.

Color Contrast Check

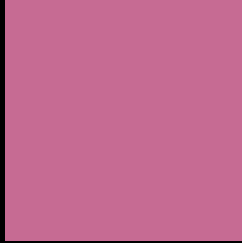
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7690, 4.0579, 51.9456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

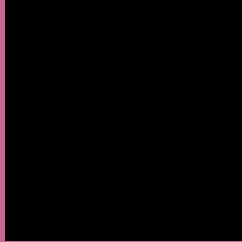
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.7690, 4.0579, 51.9456

Background



This preview shows how black text looks on a background with the YUV color 138.7690, 4.0579, 51.9456.



This preview shows how white text looks on a background with the YUV color 138.7690, 4.0579,

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

138.7690, 4.0579, 51.9456

Protanopia

136.9250, 13.8410, -6.0732

Deuteranopia

137.7390, 2.5937, 8.1219



Tritanopia

137.7290, -8.7404, 50.2267

Trichromacy



Original Color

138.7690, 4.0579, 51.9456

Protanomaly

137.7320, 9.9921, 15.1440

Deuteranomaly

138.2510, 2.8343, 24.3359

Tritanomaly

137.9940, -3.9410, 50.8713

Monochromacy



Original Color

138.7690, 4.0579, 51.9456

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.5770, 1.6875, 18.7880

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7690, 4.0579, 51.9456 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(198, 107, 147)` looks like.

```
.text, #text, p{  
    color:rgb(198, 107, 147)  
}
```

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(198, 107, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 107, 147) }
```

Border

The CSS property to change the border of an element to YUV 138.7690, 4.0579, 51.9456 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(198, 107, 147) }
```


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

```
.border{ border-color:rgb(198, 107, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 107, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 107, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 107, 147);  
box-shadow:4px 4px 4px 4px rgb(198, 107,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 138.7690, 4.0579, 51.9456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 107, 147) }
```

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

```
.background{ background-color: rgb(198,  
107, 147) }
```

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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