

Converting Colors

YUV(108.9080, 19.7654, 7.0967)

Have a look what the booklet for
YUV(108.9080, 19.7654, 7.0967)
contains.

YUV(108.9080, 19.7654, 7.0967)	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(108.9080, 19.7654,
7.0967)**

Conversions

Conversions Part 1

Format	Color
Hex	756195
RGB	117, 97, 149
RGB Percent	46%, 38%, 58%
CMY	0.5412, 0.6196, 0.4157
CMYK	0.21, 0.35, 0.00, 0.42
HSL	263°, 21%, 48%
HSV	263°, 35%, 58%
XYZ	17.0356, 14.5012, 30.3349
YIQ	108.9080, -4.7720, 20.4120

Conversions

Conversions Part 2

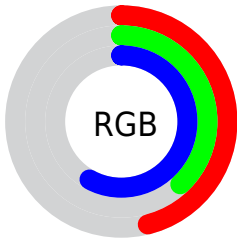
Format	Color
R_{YB}	117, 97, 149
Decimal	7692693
CIE Lab	44.94, 19.22, -25.55
CIE LCh	45, 31.973, 306.957
Yxy	14.5012, 0.2753, 0.2344
Android (android.graphics.Color)	4285882773 (0xFF756195)
YUV	108.9080, 19.7654, 7.0967
Hunter-Lab	38.0805, 13.2127, -20.5741

Details

The YUV color **108.9080, 19.7654, 7.0967** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **137.0920, -19.7654, -7.0967**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8480, 20.7809, 8.0263**, and **60.5550, 18.4604, 5.6523** is the 20% darker color. If you saturate the color by 10%, you get **97.4120, 25.4329, 9.2857**, and if you desaturate by 10%, it is **120.4040, 14.0978, 4.9077**.

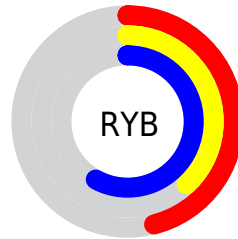
Distribution



Red (46%)

Green (38%)

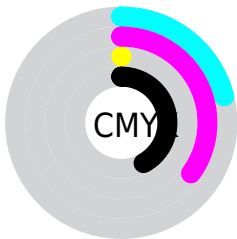
Blue (58%)



Red (46%)

Yellow (38%)

Blue (58%)

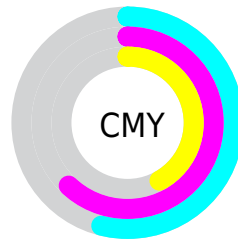


Cyan (21%)

Magenta (35%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (62%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.9080, 19.7654, 7.0967 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 108.9080, 19.7654, 7.0967 by changing the saturation by 10% instead.

■ 108.9080, 19.7654,
7.0967

■ 108.9080, 19.7654,
7.0967

■ 255.0000, 0.0000,
0.0000

■ 84.3810, 19.0392,
6.6819

■ 160.8480, 20.7809,
8.0263

■ 60.5550, 18.4604,
5.6523

■ 187.4890, 21.9439,
8.3411

■ 38.6150, 17.4448,
4.7226

■ 215.2180, 19.6125,
9.4558

■ 15.9140, 17.2974,
5.3374

■ 240.3250, 7.2348,
12.8700

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

108.9080, 19.7654,
7.0967

108.9080, 19.7654,
7.0967

97.4120, 25.4329,
9.2857

120.4040, 14.0978,
4.9077

85.9160, 31.1004,
11.4747

131.9000, 8.4303,
2.7187

74.1210, 36.9153,
13.0489

143.6950, 2.6154,
1.1445

62.6250, 42.5829,
15.2379

155.1910, -3.0522,
-1.0445

51.1290, 48.2504,
17.4269

166.1000, -8.4303,
-2.7187

40.2200, 53.6285,
19.1011


177.5960,
-14.0978, -4.9077

34.0290, 56.6807,
20.1456

189.0920,
-19.7654, -7.0967

200.5880,

-25.4329, -9.2857

 212.3830,
-31.2478, -10.8599

Harmonies

Analogous

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



103.3600, 27.4305, -24.8717



108.9080, 19.7654, 7.0967



109.3040, 9.2171, 30.4284

Triad

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



108.9080, 19.7654, 7.0967



105.8840, -24.0998, 29.9197



83.2080, 14.1945, -72.9734

Complementary

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



108.9080, 19.7654, 7.0967



137.0920, -19.7654, -7.0967

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.



95.3900, -5.1223, -37.1760



108.9080, 19.7654, 7.0967



103.7200, -25.4980, 11.6466

Square

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



108.9080, 19.7654, 7.0967



106.9530, -15.2598, 41.2602



100.2980, -18.8809, -10.7853



85.5850, 25.8406, -75.0580

Rectangle

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



108.9080, 19.7654, 7.0967



108.4810, 0.7489, 39.9202



100.2980, -18.8809, -10.7853



86.6670, 8.0522, -62.8520

Sweetspot

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



108.9080, 19.7654, 7.0967



178.6720, 7.5567, 2.9187



121.7120, 13.4530, -21.6724



87.8630, 4.5045, 1.8741



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



108.9080, 19.7654, 7.0967



130.9160, 31.1004, 11.4747



116.6820, 15.9328, 23.0809



68.3960, 2.7628, 0.5297



31.5790, 52.4656, 18.7862



2.3360, 3.7784, 1.4593

Inverse Universe

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



116.1960, 6.3124, 28.7691



142.2180, 9.7525, 45.4128



129.3180, -15.9328, -23.0809



69.5490, 0.7153, 3.9035



50.9520, 16.7857, 76.3411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 108.9080, 19.7654, 7.0967 looks on a white background.

Color Contrast Check

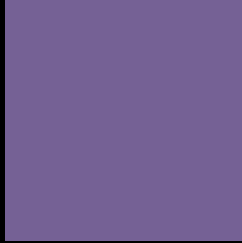
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 108.9080, 19.7654, 7.0967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

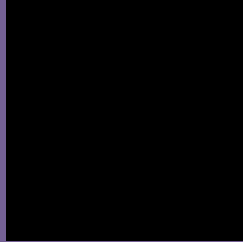
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.9080, 19.7654, 7.0967

Background



This preview shows how black text looks on a background with the YUV color 108.9080, 19.7654, 7.0967.



This preview shows how white text looks on a background with the YUV color 108.9080, 19.7654, 7.0967.

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

108.9080, 19.7654, 7.0967

Protanopia

106.2150, 24.0510, -14.2206

Deuteranopia

106.2000, 20.1144, -11.5764



Tritanopia

107.1190, 2.8993, 3.4036

Trichromacy



Original Color

108.9080, 19.7654, 7.0967

Protanomaly

107.2160, 22.5715, -6.3284

Deuteranomaly

107.2440, 20.0927, -4.5990

Tritanomaly

107.4380, 9.1511, 4.8779

Monochromacy



Original Color

108.9080, 19.7654, 7.0967

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2590, 7.2673, 2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9080, 19.7654, 7.0967 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(117, 97, 149)` looks like.

```
.text, #text, p{  
    color:rgb(117, 97, 149)  
}
```

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(117, 97, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 97, 149) }
```

Border

The CSS property to change the border of an element to YUV 108.9080, 19.7654, 7.0967 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(117, 97, 149) }
```


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

```
.border{ border-color:rgb(117, 97, 149) }
```

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

Here you see how a box with a 4 pixel rgb(117, 97, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 97, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 97, 149);  
box-shadow:4px 4px 4px 4px rgb(117, 97,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 108.9080, 19.7654, 7.0967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 97, 149) }
```

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

```
.background{ background-color: rgb(117, 97,  
149) }
```

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