

Converting Colors

YUV(109.7990, 21.7911,
10.7003)

Have a look what the booklet for
YUV(109.7990, 21.7911, 10.7003)
contains.

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Color

**YUV(109.7990, 21.7911,
10.7003)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5F9A
RGB	122, 95, 154
RGB Percent	48%, 37%, 60%
CMY	0.5216, 0.6275, 0.3961
CMYK	0.21, 0.38, 0.00, 0.40
HSL	267°, 24%, 49%
HSV	267°, 38%, 60%
XYZ	17.9510, 14.6551, 32.4544
YIQ	109.7990, -2.8470, 24.0730

Conversions

Conversions Part 2

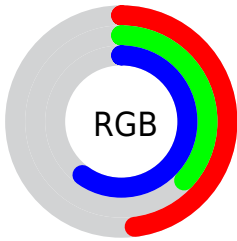
Format	Color
RYB	122, 95, 154
Decimal	8019866
CIELab	45.16, 23.26, -28.15
CIElCh	45, 36.518, 309.561
Yxy	14.6551, 0.2759, 0.2253
Android (android.graphics.Color)	4286209946 (0xFF7A5F9A)
YUV	109.7990, 21.7911, 10.7003
Hunter-Lab	38.2820, 16.7079, -23.4671

Details

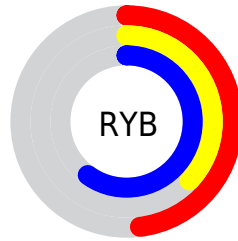
The YUV color **109.7990, 21.7911, 10.7003** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **139.2010, -21.7911, -10.7003**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8530, 23.2435, 11.5299**, and **61.4460, 20.4861, 9.2559** is the 20% darker color. If you saturate the color by 10%, you get **98.6020, 27.3112, 13.5040**, and if you desaturate by 10%, it is **120.9960, 16.2710, 7.8965**.

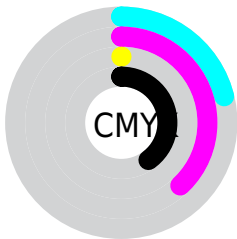
Distribution



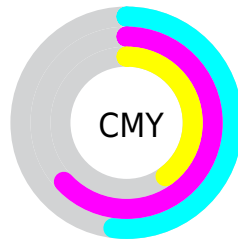
- Red (48%)
- Green (37%)
- Blue (60%)



- Red (48%)
- Yellow (37%)
- Blue (60%)



- Cyan (21%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7990, 21.7911, 10.7003 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 109.7990, 21.7911, 10.7003 by changing the saturation by 10% instead.

■ 109.7990, 21.7911,
10.7003

■ 109.7990, 21.7911,
10.7003

■ 255.0000, 0.0000,
0.0000

■ 84.9730, 21.2123,
9.6707

■ 161.8530, 23.2435,
11.5299

■ 61.4460, 20.4861,
9.2559

■ 188.6790, 23.8223,
12.5595

■ 38.5060, 19.4705,
8.3262

■ 215.8380, 19.3069,
14.1741

■ 16.0930, 19.1812,
7.8114

■ 239.1510, 7.8136,
13.8996

■ 3.7620, 14.4143,
-3.2993

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 109.7990, 21.7911,
10.7003

■ 109.7990, 21.7911,
10.7003

■ 98.6020, 27.3112,
13.5040

■ 120.9960, 16.2710,
7.8965

■ 86.5190, 33.2681,
16.2078

■ 133.0790, 10.3141,
5.1927

■ 75.3220, 38.7883,
19.0116

■ 144.2760, 4.7939,
2.3889

■ 63.5380, 44.5978,
22.3302

■ 156.0600, -1.0156,
-0.9296

■ 52.0420, 50.2653,
24.5192

■ 167.5560, -6.6831,
-3.1186

■ 40.8450, 55.7854,
27.3229

■ 178.7530,
-12.2032, -5.9224

■ 38.4860, 56.9484,
27.6378

■ 190.5370,
-18.0127, -9.2409

■ 202.0330,
-23.6803, -11.4299

■ 213.8170,
-29.4898, -14.7485

Harmonies

Analogous

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



103.6740, 31.2197, -26.9011



109.7990, 21.7911, 10.7003



109.4620, 9.6322, 37.3058

Triad

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



109.7990, 21.7911, 10.7003



105.5700, -27.8890, 31.9491



84.8380, 15.3629, -74.4029

Complementary

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



109.7990, 21.7911, 10.7003



139.2010, -21.7911, -10.7003

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.



91.7800, -3.3425, -48.0421



109.7990, 21.7911, 10.7003



102.7970, -28.9869, 10.7020

Square

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



109.7990, 21.7911, 10.7003



106.5900, -18.0389, 45.9636



99.5210, -20.4699, -14.4889



87.5570, 28.3194, -76.7875

Rectangle

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



109.7990, 21.7911, 10.7003



108.4110, 0.2904, 46.9976



99.5210, -20.4699, -14.4889



83.5840, 10.5581, -73.3032

Sweetspot

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



109.7990, 21.7911, 10.7003



184.4980, 8.1355, 3.9483



120.5100, 16.5106, -22.3723



92.2760, 4.7939, 2.3889



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



109.7990, 21.7911, 10.7003



132.0460, 33.9943, 16.6227



118.4700, 17.5163, 28.5288



70.8090, 3.0522, 1.0445



35.0960, 51.7177, 25.3488



3.2760, 4.7939, 2.3889

Inverse Universe

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



116.2890, 5.2805, 33.0725



142.2080, 8.2785, 51.5606



130.5300, -17.5163, -28.5288



71.8480, 0.5679, 4.5183



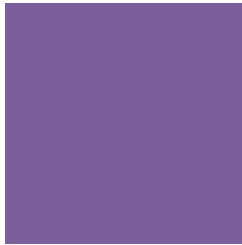
50.5240, 12.5597, 78.4705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 109.7990, 21.7911, 10.7003 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 109.7990, 21.7911, 10.7003 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 109.7990, 21.7911, 10.7003

Background



This preview shows how black text looks on a background with the YUV color 109.7990, 21.7911, 10.7003.



This preview shows how white text looks on a background with the YUV color 109.7990, 21.7911, 10.7003.

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

109.7990, 21.7911, 10.7003

Protanopia

106.1160, 27.5508, -16.7647

Deuteranopia

106.7590, 22.3038, -13.8206



Tritanopia

108.2010, 1.8729, 5.9627

Trichromacy



Original Color

109.7990, 21.7911, 10.7003

Protanomaly

107.3130, 25.4817, -6.4135

Deuteranomaly

107.8140, 22.2767, -5.0989

Tritanomaly

109.0470, 8.8508, 7.8518

Monochromacy



Original Color

109.7990, 21.7911, 10.7003

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0850, 7.8461, 3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7990, 21.7911, 10.7003 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(122, 95, 154)` looks like.

```
.text, #text, p{  
    color:rgb(122, 95, 154)  
}
```

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(122, 95, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 95, 154) }
```

Border

The CSS property to change the border of an element to YUV 109.7990, 21.7911, 10.7003 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(122, 95, 154) }
```


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

```
.border{ border-color:rgb(122, 95, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 95, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 95, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 95, 154);  
box-shadow:4px 4px 4px 4px rgb(122, 95,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 109.7990, 21.7911, 10.7003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 95, 154) }
```

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

```
.background{ background-color: rgb(122, 95,  
154) }
```

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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