

Converting Colors

YUV(106.9510, 37.4922,
-78.8870)

Have a look what the booklet for
YUV(106.9510, 37.4922, -78.8870)
contains.

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Color

**YUV(106.9510, 37.4922,
-78.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	118AB7
RGB	17, 138, 183
RGB Percent	7%, 54%, 72%
CMY	0.9333, 0.4588, 0.2824
CMYK	0.91, 0.25, 0.00, 0.28
HSL	196°, 83%, 39%
HSV	196°, 91%, 72%
XYZ	17.8669, 21.7150, 48.0495
YIQ	106.9510, -86.5610, -11.6570

Conversions

Conversions Part 2

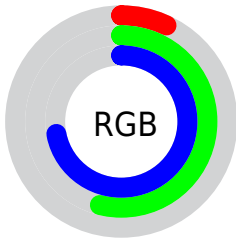
Format	Color
RYB	17, 87, 183
Decimal	1149623
CIELab	53.72, -14.11, -32.05
CIElCh	54, 35.022, 246.243
Yxy	21.7150, 0.2039, 0.2478
Android (android.graphics.Color)	4279339703 (0xFF118AB7)
YUV	106.9510, 37.4922, -78.8870
Hunter-Lab	46.5994, -13.1094, -28.5154

Details

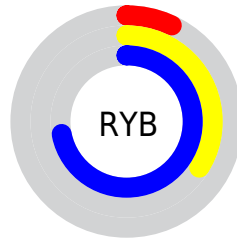
The YUV color **106.9510, 37.4922, -78.8870** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **93.0490, -37.4922, 78.8870**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6650, 34.6752, -61.9732**, and **66.4760, 31.3173, -58.2995** is the 20% darker color. If you saturate the color by 10%, you get **98.9330, 41.4450, -86.7642**, and if you desaturate by 10%, it is **115.2680, 33.3919, -70.3950**.

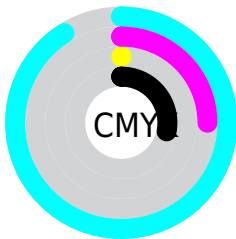
Distribution



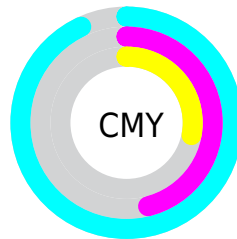
- Red (7%)
- Green (54%)
- Blue (72%)



- Red (7%)
- Yellow (34%)
- Blue (72%)



- Cyan (91%)
- Magenta (25%)
- Yellow (0%)
- Black (28%)



- Cyan (93%)
- Magenta (46%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.9510, 37.4922, -78.8870 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 106.9510, 37.4922, -78.8870 by changing the saturation by 10% instead.

■ 106.9510, 37.4922,
-78.8870

■ 106.9510, 37.4922,
-78.8870

■ 255.0000, 0.0000,
0.0000

■ 84.1150, 35.4393,
-73.7689

■ 168.6650, 34.6752,
-61.9732

■ 66.4760, 31.3173,
-58.2995

■ 196.1940, 28.9914,
-58.9291

■ 50.0110, 26.6166,
-43.8596

■ 222.1870, 16.1768,
-55.4150

■ 34.3610, 22.5000,
-30.1346

■ 234.9670, 9.8763,
-41.1901

■ 20.5860, 17.9521,
-18.0539

■ 244.2360, 5.3067,
-22.1320

■ 5.1640, 14.7091,
-4.5288

■ 253.2060, 0.8844,

■ 1.1400, 4.3680,

-3.6887

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 106.9510, 37.4922,
-78.8870

■ 106.9510, 37.4922,
-78.8870

■ 98.9330, 41.4450,
-86.7642

■ 115.2680, 33.3919,
-70.3950

■ 123.8840, 29.1442,
-61.2883

■ 132.2010, 25.0439,
-52.7963

■ 140.5180, 20.9436,
-44.3043

■ 149.1340, 16.6959,
-35.1975

■ 157.4510, 12.5957,
-26.7055

■ 165.7680, 8.4954,
-18.2135

■ 174.0850, 4.3951,
-9.7215

■ 182.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



102.5230, 29.8152, -89.9127



106.9510, 37.4922, -78.8870



124.6630, 31.2251, -28.6455

Triad

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



106.9510, 37.4922, -78.8870



130.6840, -3.7882, 48.5121



121.9020, -21.6437, -11.3151

Complementary

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



106.9510, 37.4922, -78.8870



93.0490, -37.4922, 78.8870

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.



125.5200, -28.8504, 13.5760



106.9510, 37.4922, -78.8870



128.8290, -17.1707, 47.5080

Square

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



106.9510, 37.4922, -78.8870



131.9670, 10.3693, 34.2319



127.5210, -26.8789, 34.6231



116.0260, -6.4218, -40.3648

Rectangle

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



106.9510, 37.4922, -78.8870



130.0360, 25.6183, -3.5396



127.5210, -26.8789, 34.6231



123.4470, -24.8704, -3.0230

Sweetspot

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



106.9510, 37.4922, -78.8870



207.8850, 14.3537, -30.5941



119.4580, -28.8198, -89.8557



101.8820, 8.9322, -18.3135



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



106.9510, 37.4922, -78.8870



128.5690, 53.4565, -112.7550



58.8170, 61.2222, -36.6735



87.5480, 2.1948, -3.9886



84.1150, 35.4393, -73.7689



14.9320, 6.4425, -13.0954

Inverse Universe

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



80.4280, 28.3830, 89.9556



90.5850, 40.6306, 128.4060



141.1830, -61.2222, 36.6735



86.3750, 1.2941, 4.9331



59.5260, 26.3627, 84.6077



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 106.9510, 37.4922, -78.8870 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 106.9510, 37.4922, -78.8870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

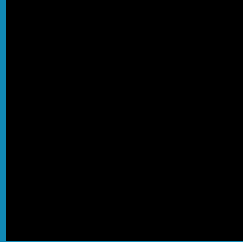
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.9510, 37.4922, -78.8870

Background



This preview shows how black text looks on a background with the YUV color 106.9510, 37.4922, -78.8870.

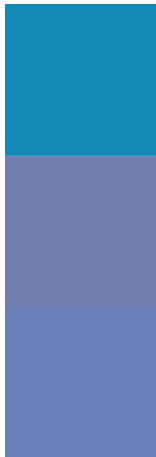


This preview shows how white text looks on a background with the YUV color 106.9510, 37.4922, -78.8870.

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

106.9510, 37.4922, -78.8870

Protanopia

127.8840, 22.7352, -12.1763

Deuteranopia

126.8490, 29.1614, -20.0386



Tritanopia

100.7960, 25.7366, -88.3981

Trichromacy



Original Color

106.9510, 37.4922, -78.8870

Protanomaly

120.1090, 28.0473, -36.0526

Deuteranomaly

119.5150, 32.2841, -41.6707

Tritanomaly

103.2570, 29.9463, -85.2944

Monochromacy



Original Color

106.9510, 37.4922, -78.8870

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7820, 13.9115, -28.7498

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.9510, 37.4922, -78.8870 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(17, 138, 183)` looks like.

```
.text, #text, p{  
    color:rgb(17, 138, 183)  
}
```

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(17, 138, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 138, 183) }
```

Border

The CSS property to change the border of an element to YUV 106.9510, 37.4922, -78.8870 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(17, 138, 183) }
```


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

```
.border{ border-color:rgb(17, 138, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 138, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 138, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 138, 183);  
box-shadow:4px 4px 4px 4px rgb(17, 138,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 106.9510, 37.4922, -78.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 138, 183) }
```

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

```
.background{ background-color: rgb(17, 138,  
183) }
```

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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