

Converting Colors

YUV(106.0730, -17.2910,
39.4010)

Have a look what the booklet for
YUV(106.0730, -17.2910, 39.4010)
contains.

YUV(106.0730, -17.2910, 39.4010)	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(106.0730, -17.2910,
39.4010)**

Conversions

Conversions Part 1

Format	Color
Hex	975A47
RGB	151, 90, 71
RGB Percent	59%, 35%, 28%
CMY	0.4078, 0.6471, 0.7216
CMYK	0.00, 0.40, 0.53, 0.41
HSL	14°, 36%, 44%
HSV	14°, 53%, 59%
XYZ	17.5560, 14.3466, 7.8051
YIQ	106.0730, 42.4550, 7.0230

Conversions

Conversions Part 2

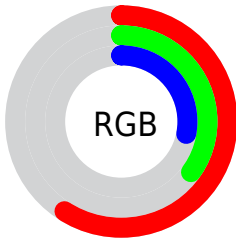
Format	Color
RYB	151, 96, 71
Decimal	9919047
CIELab	44.73, 23.00, 21.62
CIELCh	45, 31.566, 43.225
Yxy	14.3466, 0.4421, 0.3613
Android (android.graphics.Color)	4288109127 (0xFF975A47)
YUV	106.0730, -17.2910, 39.4010
Hunter-Lab	37.8769, 16.4505, 14.2962

Details

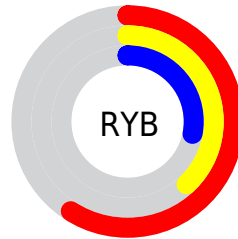
The YUV color **106.0730, -17.2910, 39.4010** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **115.9270, 17.2910, -39.4010**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6390, -19.0490, 43.2896**, and **57.3220, -14.9487, 34.7976** is the 20% darker color. If you saturate the color by 10%, you get **97.3190, -20.3703, 47.0782**, and if you desaturate by 10%, it is **114.8270, -14.2117, 31.7237**.

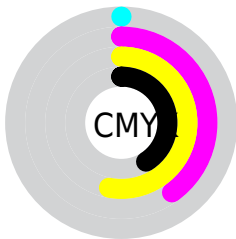
Distribution



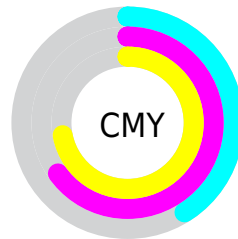
- Red (59%)
- Green (35%)
- Blue (28%)



- Red (59%)
- Yellow (38%)
- Blue (28%)



- Cyan (0%)
- Magenta (40%)
- Yellow (53%)
- Black (41%)



- Cyan (41%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.0730, -17.2910, 39.4010 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 106.0730, -17.2910, 39.4010 by changing the saturation by 10% instead.

■ 106.0730,
-17.2910, 39.4010

■ 106.0730,
-17.2910, 39.4010

■ 255.0000, 0.0000,
0.0000

■ 80.9910, -16.2646,
36.8419

■ 158.6390,
-19.0490, 43.2896

■ 57.3220, -14.9487,
34.7976

■ 185.4220,
-19.9280, 45.2339

■ 33.7840, -15.6695,
32.6384

■ 210.3180,
-18.8908, 39.1861

■ 13.7540, -6.7807,
28.2797

■ 229.8320,
-15.2002, 22.0723

■ 0.2990, -0.1474,
0.6148

■ 250.0470,
-11.3622, 4.3438

■ 0.0000, 0.0000,
0.0000

■ 106.0730,
-17.2910, 39.4010

■ 106.0730,
-17.2910, 39.4010

■ 97.3190, -20.3703,
47.0782

■ 114.8270,
-14.2117, 31.7237

■ 89.1520, -23.7389,
54.2407

■ 122.9940,
-10.8430, 24.5613

■ 80.3980, -26.8182,
61.9180

■ 131.7480, -7.7638,
16.8840

■ 72.2310, -30.1869,
69.0804

■ 139.9150, -4.3951,
9.7215

■ 66.2810, -32.6765,
74.2986

■ 148.7830, -0.8790,
1.9443

■ 156.9500, 2.4897,
-5.2181

■ 165.7040, 5.5689,
-12.8954

■ 173.8710, 8.9376,

-20.0579

■ 182.6250, 12.0169,
-27.7351

Harmonies

Analogous

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



107.3690, -6.0979, 42.6494



106.0730, -17.2910, 39.4010



104.7480, -24.5258, 26.5310

Triad

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



106.0730, -17.2910, 39.4010



92.9810, -1.4696, -42.0793



104.3610, 25.9510, -16.9796

Complementary

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



106.0730, -17.2910, 39.4010



115.9270, 17.2910, -39.4010

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.



91.8890, 31.6067, -57.7847



106.0730, -17.2910, 39.4010



83.7780, 16.3784, -73.4733

Square

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



106.0730, -17.2910, 39.4010



99.5470, -16.5387, -15.3887



85.3400, 27.4404, -74.8432



108.9580, 17.2757, 12.3148

Rectangle

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



106.0730, -17.2910, 39.4010



103.1440, -25.2140, 13.9057



85.3400, 27.4404, -74.8432



102.0390, 27.5888, -28.9752

Sweetspot

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



106.0730, -17.2910, 39.4010



178.3780, -6.5954, 15.4545



101.8740, 14.8521, 43.0835



88.7300, -3.8109, 9.0068



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



106.0730, -17.2910, 39.4010



125.9850, -27.1076, 61.4032



129.5530, -28.8666, 18.8090



72.5660, -1.7580, 3.8886



61.2310, -30.1869, 69.0804



5.6480, -2.7845, 6.4477

Inverse Universe

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



115.9270, 17.2910, -39.4010



141.6020, 26.8182, -61.9180



92.4470, 28.8666, -18.8090



73.4340, 1.7580, -3.8886



78.7690, 30.1869, -69.0804



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 106.0730, -17.2910, 39.4010 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 106.0730, -17.2910, 39.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

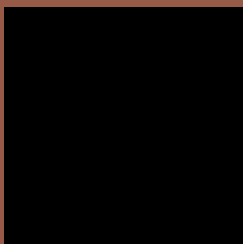
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.0730, -17.2910, 39.4010

Background



This preview shows how black text looks on a background with the YUV color 106.0730, -17.2910, 39.4010.



This preview shows how white text looks on a background with the YUV color 106.0730, -17.2910,

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

106.0730, -17.2910, 39.4010

Protanopia

105.2000, -13.4096, 7.7176

Deuteranopia

106.0120, -18.2469, 19.2835



Tritanopia

107.4180, -7.1081, 39.9754

Trichromacy



Original Color

106.0730, -17.2910, 39.4010

Protanomaly

105.2230, -14.8999, 19.0984

Deuteranomaly

106.1700, -17.8318, 26.1609

Tritanomaly

106.7940, -10.7444, 39.6457

Monochromacy



Original Color

106.0730, -17.2910, 39.4010

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.7800, -6.3005, 14.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.0730, -17.2910, 39.4010 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(151, 90, 71)` looks like.

```
.text, #text, p{  
    color:rgb(151, 90, 71)  
}
```

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(151, 90, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 90, 71) }
```

Border

The CSS property to change the border of an element to YUV 106.0730, -17.2910, 39.4010 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(151, 90, 71) }
```


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

```
.border{ border-color:rgb(151, 90, 71) }
```

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

Here you see how a box with a 4 pixel rgb(151, 90, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 90, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 90, 71);  
box-shadow:4px 4px 4px 4px rgb(151, 90,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 106.0730, -17.2910, 39.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 90, 71) }
```

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

```
.background{ background-color: rgb(151, 90,  
71) }
```

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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