

Converting Colors

YUV(116.7080, -0.3490,
18.6731)

Have a look what the booklet for
YUV(116.7080, -0.3490, 18.6731)
contains.

YUV(116.7080, -0.3490, 18.6731)	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(116.7080, -0.3490,
18.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6A74
RGB	138, 106, 116
RGB Percent	54%, 42%, 45%
CMY	0.4588, 0.5843, 0.5451
CMYK	0.00, 0.23, 0.16, 0.46
HSL	341°, 13%, 48%
HSV	341°, 23%, 54%
XYZ	18.7877, 16.9723, 18.8088
YIQ	116.7080, 15.8620, 9.8940

Conversions

Conversions Part 2

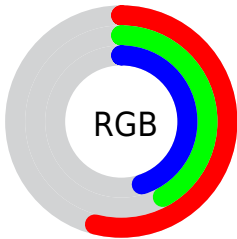
Format	Color
R_{YB}	138, 106, 116
Decimal	9071220
CIE Lab	48.23, 14.43, -0.65
CIE LCh	48, 14.443, 357.409
Yxy	16.9723, 0.3443, 0.3110
Android (android.graphics.Color)	4287261300 (0xFF8A6A74)
YUV	116.7080, -0.3490, 18.6731
Hunter-Lab	41.1974, 9.3075, 1.7693

Details

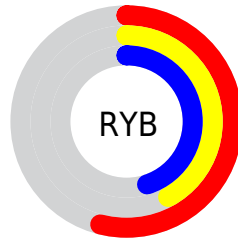
The YUV color **116.7080, -0.3490, 18.6731** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **127.2920, 0.3490, -18.6731**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7190, -0.3545, 20.4174**, and **67.8110, 0.0932, 16.8288** is the 20% darker color. If you saturate the color by 10%, you get **107.4640, -0.2288, 26.7801**, and if you desaturate by 10%, it is **125.9520, -0.4693, 10.5661**.

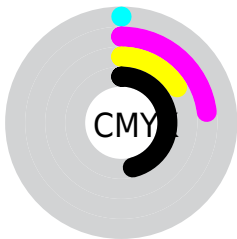
Distribution



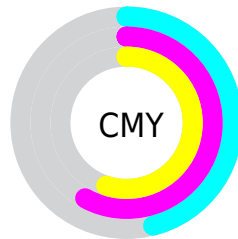
- Red (54%)
- Green (42%)
- Blue (45%)



- Red (54%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (46%)




- Cyan (46%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.7080, -0.3490, 18.6731 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 116.7080, -0.3490, 18.6731 by changing the saturation by 10% instead.


 116.7080, -0.3490,
18.6731


 116.7080, -0.3490,
18.6731


255.0000, 0.0000,
0.0000


 91.9960, -0.4910,
17.5435


 168.7190, -0.3545,
20.4174

 67.8110, 0.0932,
16.8288


 196.0180, -0.5019,
21.0322

 46.0990, -0.0488,
15.6992

 224.3170, -0.6493,
21.6470

 24.5010, 0.2460,
14.4696

 246.4400, 2.7411,
7.5071

 4.7840, -2.3585,
9.8364

 0.0000, 0.0000,
0.0000

■ 116.7080, -0.3490,
18.6731

■ 116.7080, -0.3490,
18.6731

■ 107.4640, -0.2288,
26.7801

■ 125.9520, -0.4693,
10.5661

■ 98.1060, -0.5453,
34.9870

■ 135.3100, -0.1528,
2.3591

■ 89.4490, -0.7144,
42.5792

■ 143.9670, 0.0163,
-5.2331

■ 80.0910, -1.0309,
50.7862

■ 153.3250, 0.3328,
-13.4400

■ 70.8470, -0.9106,
58.8932

■ 162.5690, 0.2125,
-21.5470

■ 61.4890, -1.2271,
67.1001

■ 171.9270, 0.5290,
-29.7540

■ 52.2450, -1.1068,
75.2071


■ 181.1710, 0.4087,
-37.8610

■ 46.1640, -1.5599,

■ 189.9420, 1.0146,

80.5402

-45.5531

 199.1860, 0.8943,
-53.6601

Harmonies

Analogous

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



116.5590, 5.6404, 10.9108



116.7080, -0.3490, 18.6731



116.5250, -6.1748, 20.5876

Triad

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



116.7080, -0.3490, 18.6731



112.7690, -9.7461, -0.6744



110.9570, 11.8532, -21.8873

Complementary

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



116.7080, -0.3490, 18.6731



127.2920, 0.3490, -18.6731

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.



109.4960, 7.6435, -24.9910



116.7080, -0.3490, 18.6731



111.2560, -5.0562, -11.6255

Square

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



116.7080, -0.3490, 18.6731



113.9660, -11.8152, 9.6768



109.6230, 1.6649, -20.7174



113.5390, 12.5523, -12.7507

Rectangle

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



116.7080, -0.3490, 18.6731



115.4170, -9.0796, 18.9283



109.6230, 1.6649, -20.7174



110.3050, 10.6956, -23.9465

Sweetspot

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



116.7080, -0.3490, 18.6731



170.3430, -0.1691, 7.5922



116.2260, 10.7346, 10.3258



84.3210, -0.1583, 4.1035



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.7080, -0.3490, 18.6731



145.6600, -0.8184, 29.2392



119.0900, -6.4534, 16.5841



64.3210, -0.1583, 4.1035



44.4410, -1.6964, 77.6662



1.7230, 0.1366, 2.8739

Inverse Universe

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



116.7080, -0.3490, 18.6731



145.6600, -0.8184, 29.2392



124.9100, 6.4534, -16.5841



64.3210, -0.1583, 4.1035



44.4410, -1.6964, 77.6662



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 116.7080, -0.3490, 18.6731 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 116.7080, -0.3490, 18.6731 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 116.7080, -0.3490, 18.6731

Background



This preview shows how black text looks on a background with the YUV color 116.7080, -0.3490, 18.6731.



This preview shows how white text looks on a background with the YUV color 116.7080, -0.3490,

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

116.7080, -0.3490, 18.6731

Protanopia

115.0970, 2.9102, -0.0851

Deuteranopia

115.9410, -0.4639, 8.8217



Tritanopia

116.4800, -1.2226, 18.8730

Trichromacy



Original Color

116.7080, -0.3490, 18.6731

Protanomaly

115.5000, 1.7255, 6.5775

Deuteranomaly

115.9630, -0.4748, 12.3104

Tritanomaly

116.5940, -0.7858, 18.7731

Monochromacy



Original Color

116.7080, -0.3490, 18.6731

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0440, -0.0217, 6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7080, -0.3490, 18.6731 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(138, 106, 116)` looks like.

```
.text, #text, p{  
    color:rgb(138, 106, 116)  
}
```

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(138, 106, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 106, 116) }
```

Border

The CSS property to change the border of an element to YUV 116.7080, -0.3490, 18.6731 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(138, 106, 116) }
```


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

```
.border{ border-color:rgb(138, 106, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 106, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 106, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 106, 116);  
box-shadow:4px 4px 4px 4px rgb(138, 106,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 116.7080, -0.3490, 18.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 106, 116) }
```

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

```
.background{ background-color: rgb(138,  
106, 116) }
```

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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