

Converting Colors

YUV(122.2080, -18.8365,
21.7426)

Have a look what the booklet for
YUV(122.2080, -18.8365, 21.7426)
contains.

YUV(122.2080, -18.8365, 21.7426)	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(122.2080, -18.8365,
21.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	937554
RGB	147, 117, 84
RGB Percent	58%, 46%, 33%
CMY	0.4235, 0.5412, 0.6706
CMYK	0.00, 0.20, 0.43, 0.42
HSL	31°, 27%, 45%
HSV	31°, 43%, 58%
XYZ	19.9941, 19.5657, 11.1103
YIQ	122.2080, 28.4730, -3.9030

Conversions

Conversions Part 2

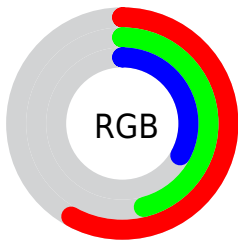
Format	Color
R_{YB}	141, 147, 84
Decimal	9663828
CIE _{Lab}	51.34, 7.10, 22.65
CIE _{LCh}	51, 23.735, 72.604
Yxy	19.5657, 0.3946, 0.3861
Android (android.graphics.Color)	4287853908 (0xFF937554)
YUV	122.2080, -18.8365, 21.7426
Hunter-Lab	44.2332, 3.2771, 16.0710

Details

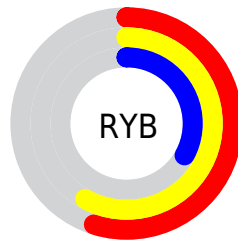
The YUV color **122.2080, -18.8365, 21.7426** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **108.7920, 18.8365, -21.7426**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8770, -20.1524, 23.7869**, and **73.2400, -17.3733, 19.0835** is the 20% darker color. If you saturate the color by 10%, you get **116.3890, -23.3628, 26.8458**, and if you desaturate by 10%, it is **128.0270, -14.3103, 16.6393**.

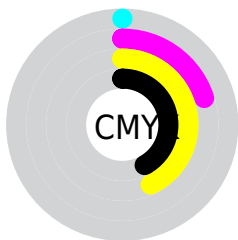
Distribution



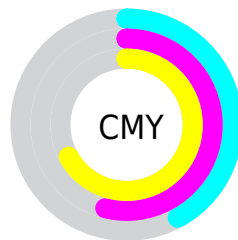
- Red (58%)
- Green (46%)
- Blue (33%)



- Red (55%)
- Yellow (58%)
- Blue (33%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (42%)



- Cyan (42%)
- Magenta (54%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2080, -18.8365, 21.7426 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 122.2080, -18.8365, 21.7426 by changing the saturation by 10% instead.

■ 122.2080,
-18.8365, 21.7426

■ 122.2080,
-18.8365, 21.7426

■ 255.0000, 0.0000,
0.0000

■ 96.8380, -17.6681,
20.3131

■ 174.8770,
-20.1524, 23.7869

■ 73.2400, -17.3733,
19.0835

■ 202.3610,
-20.8840, 25.1164

■ 50.4570, -16.4943,
17.1392

■ 229.0510,
-20.7311, 22.7573

■ 29.3150, -14.4523,
15.5097

■ 249.2660,
-16.8931, 5.0287

■ 6.5780, -3.2430,
13.5251

■ 253.7460, -4.8048,
1.0998

■ 0.0000, 0.0000,
0.0000

■ 122.2080,
-18.8365, 21.7426

■ 122.2080,
-18.8365, 21.7426

■ 116.3890,
-23.3628, 26.8458

■ 128.0270,
-14.3103, 16.6393

■ 110.6840,
-27.4522, 31.8491

■ 133.7320,
-10.2209, 11.6360

■ 104.8650,
-31.9784, 36.9524

■ 139.5510, -5.6946,
6.5328

■ 99.0460, -36.5047,
42.0557

■ 145.3700, -1.1684,
1.4295

■ 93.2270, -41.0309,
47.1589

■ 151.0750, 2.9210,
-3.5738

■ 89.1520, -43.9519,
50.7327

■ 156.8940, 7.4473,
-8.6770

■ 162.7130, 11.9735,
-13.7803

■ 168.5320, 16.4997,

-18.8836

■ 174.2370, 20.5892,
-23.8868

Harmonies

Analogous

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



123.9410, -13.7749, 31.6237



122.2080, -18.8365, 21.7426



120.4080, -18.9351, 6.6582

Triad

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



122.2080, -18.8365, 21.7426



112.0160, 8.8661, -43.8640



124.9100, 13.3554, 9.7259

Complementary

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



122.2080, -18.8365, 21.7426



108.7920, 18.8365, -21.7426

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.



121.7870, 19.8250, -12.0912



122.2080, -18.8365, 21.7426



111.8120, 18.3337, -47.1931

Square

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



122.2080, -18.8365, 21.7426



115.1290, -2.5286, -29.0541



117.1110, 21.6373, -33.4233



125.7180, 4.5760, 25.6803

Rectangle

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



122.2080, -18.8365, 21.7426



118.9550, -15.2608, -5.2225



117.1110, 21.6373, -33.4233



123.8490, 15.8504, 2.7634

Sweetspot

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



122.2080, -18.8365, 21.7426



181.1060, -7.4473, 8.6770



106.2570, 3.8173, 35.7316



91.0670, -4.9630, 5.2032



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.



122.2080, -18.8365, 21.7426



152.9400, -29.0574, 33.3786



139.5190, -27.3709, 5.6838



70.8540, -1.9000, 2.7590



83.5260, -41.1783, 47.7737



5.9250, -2.9210, 3.5738

Inverse Universe

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



108.7920, 18.8365, -21.7426



132.0600, 29.0574, -33.3786



91.4810, 27.3709, -5.6838



69.5590, 2.1894, -2.2442



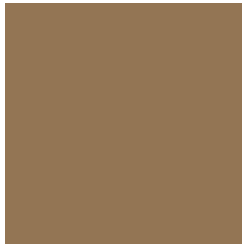
54.4740, 41.1783, -47.7737



4.0750, 2.9210, -3.5738

Previews

White Background



This preview shows how the YUV color 122.2080, -18.8365, 21.7426 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 122.2080, -18.8365, 21.7426 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 122.2080, -18.8365, 21.7426

Background



This preview shows how black text looks on a background with the YUV color 122.2080, -18.8365, 21.7426.



This preview shows how white text looks on a background with the YUV color 122.2080, -18.8365,

21.7426.

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

122.2080, -18.8365, 21.7426

Protanopia

120.8860, -17.1988, 9.7470

Deuteranopia

121.9090, -18.6891, 21.1278



Tritanopia

124.6870, -1.8177, 23.0765

Trichromacy



Original Color

122.2080, -18.8365, 21.7426

Protanomaly

121.0930, -17.7938, 13.9504

Deuteranomaly

121.9090, -18.6891, 21.1278

Tritanomaly

124.0800, -7.9274, 22.7318

Monochromacy



Original Color

122.2080, -18.8365, 21.7426

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9210, -6.8631, 7.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2080, -18.8365, 21.7426 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(147, 117, 84)` looks like.

```
.text, #text, p{  
    color:rgb(147, 117, 84)  
}
```

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(147, 117, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 117, 84) }
```

Border

The CSS property to change the border of an element to YUV 122.2080, -18.8365, 21.7426 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(147, 117, 84) }
```


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

```
.border{ border-color:rgb(147, 117, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 117, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 117, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 117, 84);  
box-shadow:4px 4px 4px 4px rgb(147, 117,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 122.2080, -18.8365, 21.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 117, 84) }
```

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

```
.background{ background-color: rgb(147,  
117, 84) }
```

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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