

Converting Colors

YUV(137.7720, -21.0866,
-3.3080)

Have a look what the booklet for
YUV(137.7720, -21.0866, -3.3080)
contains.

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Color

**YUV(137.7720, -21.0866,
-3.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	86945F
RGB	134, 148, 95
RGB Percent	53%, 58%, 37%
CMY	0.4745, 0.4196, 0.6275
CMYK	0.09, 0.00, 0.36, 0.42
HSL	76°, 22%, 48%
HSV	76°, 36%, 58%
XYZ	22.4870, 27.0744, 14.8672
YIQ	137.7720, 8.6690, -19.4510

Conversions

Conversions Part 2

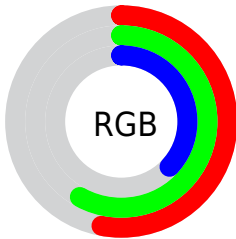
Format	Color
R_{YB}	95, 148, 109
Decimal	8819807
CIE _{Lab}	59.04, -14.22, 26.40
CIE _{LCh}	59, 29.982, 118.308
Yxy	27.0744, 0.3490, 0.4202
Android (android.graphics.Color)	4287009887 (0xFF86945F)
YUV	137.7720, -21.0866, -3.3080
Hunter-Lab	52.0330, -13.9159, 19.4825

Details

The YUV color $137.7720, -21.0866, -3.3080$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $105.2280, 21.0866, 3.3080$, and the grayscale version is $138.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.4300, -22.3970, -3.0081$, and $87.2280, -19.3394, -3.7080$ is the 20% darker color. If you saturate the color by 10%, you get $134.8660, -27.0489, -4.2675$, and if you desaturate by 10%, it is $140.6780, -15.1243, -2.3486$.

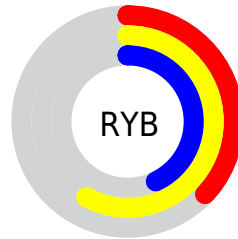
Distribution



Red (53%)

Green (58%)

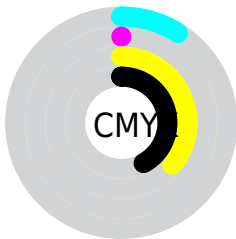
Blue (37%)



Red (37%)

Yellow (58%)

Blue (43%)

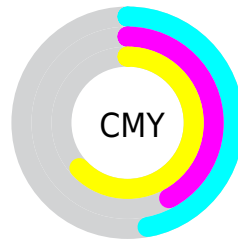


Cyan (9%)

Magenta (0%)

Yellow (36%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7720, -21.0866, -3.3080 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 137.7720, -21.0866, -3.3080 by changing the saturation by 10% instead.

■ 137.7720,
-21.0866, -3.3080

■ 137.7720,
-21.0866, -3.3080

■ 255.0000, 0.0000,
0.0000

■ 112.0000,
-20.2130, -3.5080

■ 191.4300,
-22.3970, -3.0081

■ 87.2280, -19.3394,
-3.7080

■ 219.3160,
-22.8338, -2.9081

■ 63.9290, -19.1920,
-4.3227

■ 245.7400,
-22.5498, -0.6490

■ 41.1140, -19.7762,
-3.6080

■ 252.0360,
-11.3567, 2.5994

■ 21.4970, -10.5980,
-7.4519

■ 0.0000, 0.0000,
0.0000

■ 137.7720,
-21.0866, -3.3080

■ 137.7720,
-21.0866, -3.3080

■ 134.8660,
-27.0489, -4.2675

■ 140.6780,
-15.1243, -2.3486

■ 131.9600,
-33.0113, -5.2269

■ 143.5840, -9.1619,
-1.3892

■ 129.1680,
-38.5368, -6.2863

■ 146.3760, -3.6364,
-0.3298

■ 126.2620,
-44.4992, -7.2458

■ 149.2820, 2.3260,
0.6297

■ 123.3560,
-50.4615, -8.2052

■ 152.1880, 8.2883,
1.5891

■ 120.7490,
-56.5713, -8.5499

■ 154.7950, 14.3981,
1.9338

■ 119.4670,
-58.8972, -9.1796

■ 157.7010, 20.3604,
2.8932

■ 160.4930, 25.8860,

3.9526

■ 163.3990, 31.8483,
4.9121

Harmonies

Analogous

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



140.4650, -25.3722, 18.0092



137.7720, -21.0866, -3.3080



134.1910, -9.9542, -27.3545

Triad

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



137.7720, -21.0866, -3.3080



129.2650, 27.9704, -58.1144



145.2530, -0.1247, 40.1201

Complementary

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



137.7720, -21.0866, -3.3080



105.2280, 21.0866, 3.3080

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.



145.9550, 11.8542, 24.5955



137.7720, -21.0866, -3.3080



138.0280, 27.5942, -30.7196

Square

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



137.7720, -21.0866, -3.3080



124.5490, 20.4353, -68.0105



144.0210, 21.6816, -0.8954



143.9470, -12.7919, 43.0195

Rectangle

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



137.7720, -21.0866, -3.3080



131.0240, -0.0118, -42.9940



144.0210, 21.6816, -0.8954



145.6700, 4.1067, 36.2464

Sweetspot

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



137.7720, -21.0866, -3.3080



187.1110, -8.4357, -0.9743



118.4780, -11.5747, 25.8908



94.6210, -5.2362, -0.5446



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.



137.7720, -21.0866, -3.3080



175.3730, -32.7219, -4.7121



129.9980, -17.2540, -19.2922



72.6040, -2.7628, -0.5297



111.2050, -54.8241, -8.9498



8.2620, -4.0732, -0.2298

Inverse Universe

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



105.2280, 21.0866, 3.3080



124.9260, 32.5745, 5.3269



113.0020, 17.2540, 19.2922



68.3960, 2.7628, 0.5297



26.4960, 54.9715, 8.3350



2.0370, 3.9258, 0.8446

Previews

White Background



This preview shows how the YUV color 137.7720, -21.0866, -3.3080 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 137.7720, -21.0866, -3.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

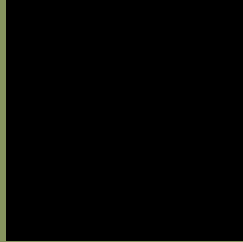
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.7720, -21.0866, -3.3080

Background



This preview shows how black text looks on a background with the YUV color 137.7720, -21.0866, -3.3080.



This preview shows how white text looks on a background with the YUV color 137.7720, -21.0866, -3.3080.

-3.3080.

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

137.7720, -21.0866, -3.3080

Protanopia

140.0020, -23.1720, 12.2762

Deuteranopia

141.5350, -21.4628, 24.0868



Tritanopia

142.2540, 4.8048, -1.0998

Trichromacy



Original Color

137.7720, -21.0866, -3.3080

Protanomaly

139.1970, -22.2821, 6.8432

Deuteranomaly

139.8820, -21.1408, 14.1355

Tritanomaly

140.7240, -4.7939, -2.3889

Monochromacy



Original Color

137.7720, -21.0866, -3.3080

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.2250, -7.9989, -1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7720, -21.0866, -3.3080 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(134, 148, 95)` looks like.

```
.text, #text, p{  
    color:rgb(134, 148, 95)  
}
```

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(134, 148, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 148, 95) }
```

Border

The CSS property to change the border of an element to YUV 137.7720, -21.0866, -3.3080 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(134, 148, 95) }
```


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

```
.border{ border-color:rgb(134, 148, 95) }
```

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

Here you see how a box with a 4 pixel rgb(134, 148, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 148, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 148, 95);  
box-shadow:4px 4px 4px 4px rgb(134, 148,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 137.7720, -21.0866, -3.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 148, 95) }
```

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

```
.background{ background-color: rgb(134,  
148, 95) }
```

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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