

Converting Colors

YUV(123.4990, -17.0080,
-4.8226)

Have a look what the booklet for
YUV(123.4990, -17.0080, -4.8226)
contains.

YUV(123.4990, -17.0080, -4.8226)	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(123.4990, -17.0080,
-4.8226)**

Conversions

Conversions Part 1

Format	Color
Hex	768559
RGB	118, 133, 89
RGB Percent	46%, 52%, 35%
CMY	0.5373, 0.4784, 0.6510
CMYK	0.11, 0.00, 0.33, 0.48
HSL	80°, 20%, 44%
HSV	80°, 33%, 52%
XYZ	17.6619, 21.3479, 12.6409
YIQ	123.4990, 5.1840, -16.8640

Conversions

Conversions Part 2

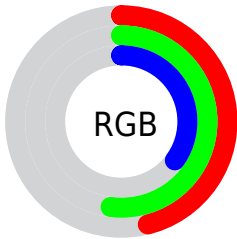
Format	Color
R_{YB}	89, 133, 104
Decimal	7767385
CIE _{Lab}	53.33, -13.51, 21.96
CIE _{LCh}	53, 25.784, 121.586
Yxy	21.3479, 0.3419, 0.4133
Android (android.graphics.Color)	4285957465 (0xFF768559)
YUV	123.4990, -17.0080, -4.8226
Hunter-Lab	46.2038, -12.6229, 16.1215

Details

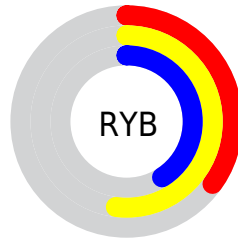
The YUV color **123.4990, -17.0080, -4.8226** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **98.5010, 17.0080, 4.8226**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1570, -18.3184, -4.5227**, and **74.2540, -15.4082, -4.6078** is the 20% darker color. If you saturate the color by 10%, you get **120.5220, -21.9493, -6.5968**, and if you desaturate by 10%, it is **126.4760, -12.0667, -3.0485**.

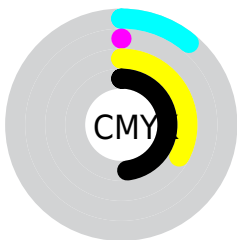
Distribution



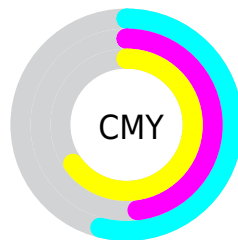
- Red (46%)
- Green (52%)
- Blue (35%)



- Red (35%)
- Yellow (52%)
- Blue (41%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (48%)



- Cyan (54%)
- Magenta (48%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.4990, -17.0080, -4.8226 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 123.4990, -17.0080, -4.8226 by changing the saturation by 10% instead.

■ 123.4990,
-17.0080, -4.8226

■ 123.4990,
-17.0080, -4.8226

■ 255.0000, 0.0000,
0.0000

■ 98.6130, -16.5712,
-4.9226

■ 176.1570,
-18.3184, -4.5227

■ 74.2540, -15.4082,
-4.6078

■ 203.7440,
-18.6078, -5.0375

■ 51.3680, -14.9714,
-4.7077

■ 231.6300,
-19.0446, -4.9375

■ 30.0800, -14.8294,
-3.5782

■ 251.1240,
-14.8511, 3.3993

■ 11.1530, -5.4984,
-9.7812

■ 254.4300, -2.1840,
0.4999

■ 0.0000, 0.0000,
0.0000

■ 123.4990,
-17.0080, -4.8226

■ 123.4990,
-17.0080, -4.8226

■ 120.5220,
-21.9493, -6.5968

■ 126.4760,
-12.0667, -3.0485

■ 117.7300,
-27.4749, -7.6562

■ 129.2680, -6.5411,
-1.9890

■ 114.7530,
-32.4162, -9.4304

■ 132.2450, -1.5998,
-0.2149

■ 112.0750,
-37.5050, -10.5898

■ 134.9230, 3.4890,
0.9445

■ 108.9840,
-42.8831, -12.2640

■ 137.9000, 8.4303,
2.7187

■ 106.3060,
-47.9719, -13.4234

■ 140.6920, 13.9558,
3.7781

■ 104.3830,
-51.4608, -14.3679

■ 143.6690, 18.8972,
5.5523

■ 146.3470, 23.9859,

6.7117

■ 149.4380, 29.3641,
8.3859

Harmonies

Analogous

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



125.8820, -21.1408, 14.1355



123.4990, -17.0080, -4.8226



120.5980, -7.1968, -25.0804

Triad

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



123.4990, -17.0080, -4.8226



118.2020, 23.5644, -44.9042



130.4650, -1.7082, 34.6722

Complementary

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



123.4990, -17.0080, -4.8226



98.5010, 17.0080, 4.8226

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.



130.8470, 8.9494, 22.9362



123.4990, -17.0080, -4.8226



124.8180, 22.7677, -22.6424

Square

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



123.4990, -17.0080, -4.8226



114.5400, 17.4818, -53.9706



129.3050, 17.5976, 2.3635



129.1310, -11.8966, 35.8421

Rectangle

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



123.4990, -17.0080, -4.8226



117.6980, 1.1349, -37.4461



129.3050, 17.5976, 2.3635



130.4800, 2.2284, 32.0280

Sweetspot

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



123.4990, -17.0080, -4.8226



169.2680, -6.5411, -1.9890



110.9610, -10.8268, 19.3282



84.5500, -4.2151, -1.3593



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



123.4990, -17.0080, -4.8226



158.2570, -26.7487, -7.2414



116.9210, -13.7651, -18.3477



64.7180, -2.3260, -0.6297



102.0240, -50.2978, -14.0530



2.3590, -1.1630, -0.3148

Inverse Universe

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



98.5010, 17.0080, 4.8226



119.0420, 26.6013, 7.8562



105.0790, 13.7651, 18.3477



61.2820, 2.3260, 0.6297



27.9760, 50.2978, 14.0530



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 123.4990, -17.0080, -4.8226 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 123.4990, -17.0080, -4.8226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

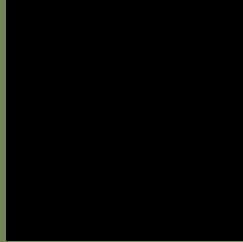
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.4990, -17.0080, -4.8226

Background



This preview shows how black text looks on a background with the YUV color 123.4990, -17.0080, -4.8226.



This preview shows how white text looks on a background with the YUV color 123.4990, -17.0080, -4.8226.

-4.8226.

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

123.4990, -17.0080, -4.8226

Protanopia

125.7290, -19.0934, 10.7617

Deuteranopia

127.1370, -17.8155, 20.9279



Tritanopia

127.5420, 4.6628, -2.2293

Trichromacy



Original Color

123.4990, -17.0080, -4.8226

Protanomaly

124.9240, -18.2035, 5.3287

Deuteranomaly

125.7830, -17.6410, 11.5913

Tritanomaly

125.8810, -2.8993, -3.4036

Monochromacy



Original Color

123.4990, -17.0080, -4.8226

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3820, -6.1043, -2.0890

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.4990, -17.0080, -4.8226 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(118, 133, 89)` looks like.

```
.text, #text, p{  
    color:rgb(118, 133, 89)  
}
```

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(118, 133, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 133, 89) }
```

Border

The CSS property to change the border of an element to YUV 123.4990, -17.0080, -4.8226 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(118, 133, 89) }
```


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

```
.border{ border-color:rgb(118, 133, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 133, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 133, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 133, 89);  
box-shadow:4px 4px 4px 4px rgb(118, 133,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 123.4990, -17.0080, -4.8226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 133, 89) }
```

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

```
.background{ background-color: rgb(118,  
133, 89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor