

Converting Colors

YUV(104.8830, -12.7603,
-13.9294)

Have a look what the booklet for
YUV(104.8830, -12.7603, -13.9294)
contains.

YUV(104.8830, -12.7603, -13.9294)	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(104.8830, -12.7603,
-13.9294)**

Conversions

Conversions Part 1

Format	Color
Hex	59764F
RGB	89, 118, 79
RGB Percent	35%, 46%, 31%
CMY	0.6510, 0.5373, 0.6902
CMYK	0.25, 0.00, 0.33, 0.54
HSL	105°, 20%, 39%
HSV	105°, 33%, 46%
XYZ	12.0095, 15.6452, 9.7840
YIQ	104.8830, -4.7650, -18.2770

Conversions

Conversions Part 2

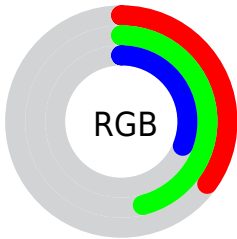
Format	Color
RYB	79, 118, 108
Decimal	5862991
CIELab	46.51, -18.52, 18.19
CIElCh	47, 25.958, 135.521
Yxy	15.6452, 0.3208, 0.4179
Android (android.graphics.Color)	4284053071 (0xFF59764F)
YUV	104.8830, -12.7603, -13.9294
Hunter-Lab	39.5540, -15.0228, 13.0220

Details

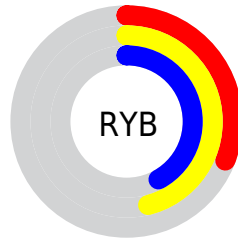
The YUV color **104.8830, -12.7603, -13.9294** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **92.1170, 12.7603, 13.9294**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2420, -13.9233, -14.2442**, and **56.9370, -11.3079, -13.0997** is the 20% darker color. If you saturate the color by 10%, you get **100.8240, -16.6752, -18.2626**, and if you desaturate by 10%, it is **108.9420, -8.8454, -9.5961**.

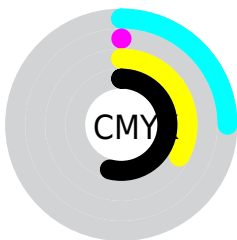
Distribution



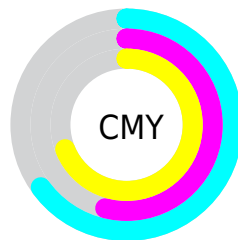
- Red (35%)
- Green (46%)
- Blue (31%)



- Red (31%)
- Yellow (46%)
- Blue (42%)



- Cyan (25%)
- Magenta (0%)
- Yellow (33%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8830, -12.7603, -13.9294 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 104.8830, -12.7603, -13.9294 by changing the saturation by 10% instead.

■ 104.8830,
-12.7603, -13.9294

■ 104.8830,
-12.7603, -13.9294

■ 255.0000, 0.0000,
0.0000

■ 80.4100, -12.0341,
-13.5146

■ 156.2420,
-13.9233, -14.2442

■ 56.9370, -11.3079,
-13.0997

■ 183.5300,
-14.0653, -15.3738

■ 35.0510, -10.8711,
-13.1997

■ 211.3020,
-14.9389, -15.1739

■ 15.8490, -7.8136,
-13.8996

■ 239.3020,
-14.9389, -15.1739

■ 0.0000, 0.0000,
0.0000

■ 251.7520, -7.2727,
-0.6595

■ 104.8830,
-12.7603, -13.9294

■ 104.8830,
-12.7603, -13.9294

■ 100.8240,
-16.6752, -18.2626

■ 108.9420, -8.8454,
-9.5961

■ 96.7650, -20.5901,
-22.5959

■ 113.0010, -4.9305,
-5.2629

■ 93.1190, -24.2157,
-26.4144

■ 116.6470, -1.3050,
-1.4444

■ 89.0600, -28.1306,
-30.7476

■ 120.7060, 2.6099,
2.8888

■ 85.0010, -32.0455,
-35.0809

■ 124.7650, 6.5249,
7.2221

■ 80.9420, -35.9604,
-39.4141

■ 128.8240, 10.4398,
11.5554

■ 78.2360, -38.5703,
-42.3030

■ 132.5840, 14.5021,
15.2738

■ 136.5290, 17.9802,

19.7071

■ 140.5880, 21.8951,
24.0403

Harmonies

Analogous

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



107.2830, -19.3665, 5.0138



104.8830, -12.7603, -13.9294



100.8510, -0.9125, -34.0723

Triad

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



104.8830, -12.7603, -13.9294



103.3710, 23.9741, -36.2824



112.3250, -6.0762, 35.6720

Complementary

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



104.8830, -12.7603, -13.9294



92.1170, 12.7603, 13.9294

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.



113.3270, 4.2758, 28.6542



104.8830, -12.7603, -13.9294



109.7270, 20.8406, -11.1616

Square

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



104.8830, -12.7603, -13.9294



95.7830, 22.2920, -56.8147



113.3340, 13.6393, 11.9851



110.8980, -15.2327, 32.5385

Rectangle

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



104.8830, -12.7603, -13.9294



97.4670, 8.1508, -47.7676



113.3340, 13.6393, 11.9851



112.2370, -2.5818, 34.8722

Sweetspot

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



104.8830, -12.7603, -13.9294



148.0010, -4.9305, -5.2629



107.6840, -14.1412, 9.0471



73.7670, -3.3361, -3.3037



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



104.8830, -12.7603, -13.9294



132.2920, -19.8640, -22.1811



102.9190, -7.3551, -20.9770



56.8210, -1.8838, -2.4740



80.8830, -39.8753, -43.7474



165.8860, -81.7818, -89.3540

Inverse Universe

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



92.1170, 12.7603, 13.9294



112.4090, 20.0114, 21.5663



94.0810, 7.3551, 20.9770



54.8800, 2.0312, 1.8592



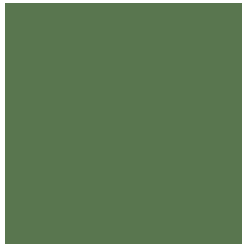
41.1170, 39.8753, 43.7474



84.1140, 81.7818, 89.3540

Previews

White Background



This preview shows how the YUV color 104.8830, -12.7603, -13.9294 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 104.8830, -12.7603, -13.9294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

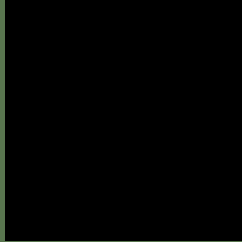
Any Text WCAG AA × Fail

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 104.8830, -12.7603, -13.9294 Background



This preview shows how black text looks on a background with the YUV color 104.8830, -12.7603, -13.9294.



This preview shows how white text looks on a background with the YUV color 104.8830, -12.7603, -13.9294.

-13.9294.

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

104.8830, -12.7603, -13.9294

Protanopia

108.8150, -16.1778, 8.9322

Deuteranopia

109.8530, -13.7315, 17.6689



Tritanopia

108.9430, 6.4371, -11.3510

Trichromacy



Original Color

104.8830, -12.7603, -13.9294

Protanomaly

107.4010, -14.9877, 0.5253

Deuteranomaly

108.1890, -13.4042, 5.9732

Tritanomaly

107.3960, -0.6882, -12.6253

Monochromacy



Original Color

104.8830, -12.7603, -13.9294

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1150, -4.4937, -5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8830, -12.7603, -13.9294 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(89, 118, 79)` looks like.

```
.text, #text, p{  
    color:rgb(89, 118, 79)  
}
```

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(89, 118, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 118, 79) }
```

Border

The CSS property to change the border of an element to YUV 104.8830, -12.7603, -13.9294 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(89, 118, 79) }
```


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

```
.border{ border-color:rgb(89, 118, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 118, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 118, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 118, 79);  
box-shadow:4px 4px 4px 4px rgb(89, 118,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 104.8830, -12.7603, -13.9294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 118, 79) }
```

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

```
.background{ background-color: rgb(89, 118,  
79) }
```

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