

Converting Colors

YUV(109.4810, -13.0551,
-12.6998)

Have a look what the booklet for
YUV(109.4810, -13.0551, -12.6998)
contains.

YUV(109.4810, -13.0551, -12.6998)	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(109.4810, -13.0551,
-12.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7A53
RGB	95, 122, 83
RGB Percent	37%, 48%, 33%
CMY	0.6275, 0.5216, 0.6745
CMYK	0.22, 0.00, 0.32, 0.52
HSL	102°, 19%, 40%
HSV	102°, 32%, 48%
XYZ	13.2402, 16.9765, 10.7626
YIQ	109.4810, -3.5730, -17.8530

Conversions

Conversions Part 2

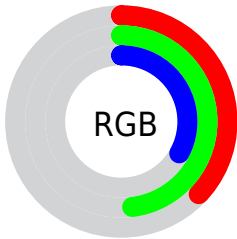
Format	Color
R_{YB}	83, 122, 110
Decimal	6257235
CIE Lab	48.23, -17.66, 18.27
CIE LCh	48, 25.411, 134.034
Yxy	16.9765, 0.3231, 0.4143
Android (android.graphics.Color)	4284447315 (0xFF5F7A53)
YUV	109.4810, -13.0551, -12.6998
Hunter-Lab	41.2025, -14.7446, 13.3546

Details

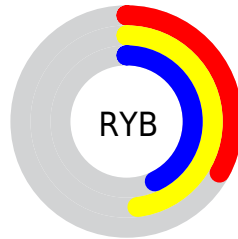
The YUV color **109.4810, -13.0551, -12.6998** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **95.5190, 13.0551, 12.6998**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5410, -14.0707, -13.6295**, and **61.5350, -11.6028, -11.8702** is the 20% darker color. If you saturate the color by 10%, you get **105.7210, -17.1175, -16.4183**, and if you desaturate by 10%, it is **113.2410, -8.9928, -8.9814**.

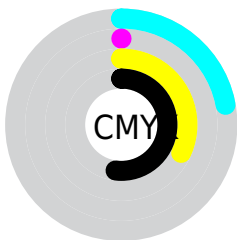
Distribution



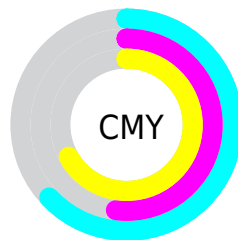
- Red (37%)
- Green (48%)
- Blue (33%)



- Red (33%)
- Yellow (48%)
- Blue (43%)



- Cyan (22%)
- Magenta (0%)
- Yellow (32%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4810, -13.0551, -12.6998 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 109.4810, -13.0551, -12.6998 by changing the saturation by 10% instead.

■ 109.4810,
-13.0551, -12.6998

■ 109.4810,
-13.0551, -12.6998

■ 255.0000, 0.0000,
0.0000

■ 85.0080, -12.3289,
-12.2850

■ 161.5410,
-14.0707, -13.6295

■ 61.5350, -11.6028,
-11.8702

■ 188.4270,
-14.5075, -13.5295

■ 38.7630, -10.7292,
-12.0702

■ 216.0140,
-14.7969, -14.0443

■ 17.6100, -8.6817,
-15.4440

■ 242.5520,
-14.0761, -11.8851

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,
1.2997

■ 109.4810,
-13.0551, -12.6998

■ 109.4810,
-13.0551, -12.6998

■ 105.7210,
-17.1175, -16.4183

■ 113.2410, -8.9928,
-8.9814

■ 101.6620,
-21.0324, -20.7516

■ 117.3000, -5.0779,
-4.6481

■ 97.7880, -25.5315,
-24.3701

■ 121.1740, -0.5788,
-1.0296

■ 93.7290, -29.4464,
-28.7033

■ 125.2330, 3.3361,
3.3037

■ 89.9690, -33.5087,
-32.4218

■ 128.9930, 7.3985,
7.0221

■ 85.9100, -37.4236,
-36.7551

■ 133.0520, 11.3134,
11.3554

■ 82.9760, -40.9072,
-39.4440

■ 136.8120, 15.3757,
15.0739

■ 140.9850, 19.7274,

19.3072

■ 144.7450, 23.7897,
23.0256

Harmonies

Analogous

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



111.8810, -19.6613, 6.2434



109.4810, -13.0551, -12.6998



105.6340, -1.7916, -32.1280

Triad

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



109.4810, -13.0551, -12.6998



108.1430, 23.1005, -36.0824



116.4390, -5.6394, 35.5720

Complementary

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



109.4810, -13.0551, -12.6998



95.5190, 13.0551, 12.6998

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.



117.7290, 4.5706, 27.4247



109.4810, -13.0551, -12.6998



114.3140, 20.5512, -11.6764

Square

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



109.4810, -13.0551, -12.6998



101.1640, 21.1181, -53.6408



117.0350, 13.7867, 11.3703



115.4250, -14.5065, 32.9533

Rectangle

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



109.4810, -13.0551, -12.6998



102.8480, 6.9769, -44.5937



117.0350, 13.7867, 11.3703



116.9380, -2.4344, 34.2574

Sweetspot

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



109.4810, -13.0551, -12.6998



152.8870, -5.3673, -5.1629



110.5100, -13.5624, 10.0767



75.8810, -2.8993, -3.4036



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



109.4810, -13.0551, -12.6998



138.9010, -20.1642, -19.2072



106.6910, -8.2287, -20.7770



59.1200, -2.0312, -1.8592



84.7370, -41.7753, -40.9883



171.2460, -84.4243, -81.7767

Inverse Universe

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



95.5190, 13.0551, 12.6998



117.3980, 20.0168, 19.8220



98.3090, 8.2287, 20.7770



56.8800, 2.0312, 1.8592



40.2630, 41.7753, 40.9883



81.0530, 84.2769, 82.3915

Previews

White Background



This preview shows how the YUV color 109.4810, -13.0551, -12.6998 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 109.4810, -13.0551, -12.6998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

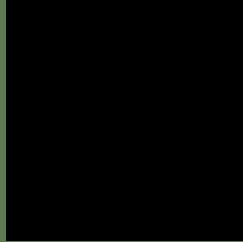
Any Text WCAG AA × Fail

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 109.4810, -13.0551, -12.6998 Background



This preview shows how black text looks on a background with the YUV color 109.4810, -13.0551, -12.6998.



This preview shows how white text looks on a background with the YUV color 109.4810, -13.0551, -12.6998.

-12.6998.

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

109.4810, -13.0551, -12.6998

Protanopia

112.8150, -16.1778, 8.9322

Deuteranopia

114.1520, -13.8789, 18.2837



Tritanopia

113.5410, 6.1423, -10.1215

Trichromacy



Original Color

109.4810, -13.0551, -12.6998

Protanomaly

111.7000, -15.1351, 1.1401

Deuteranomaly

112.4880, -13.5516, 6.5880

Tritanomaly

111.9940, -0.9830, -11.3957

Monochromacy



Original Color

109.4810, -13.0551, -12.6998

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.4140, -4.6411, -4.7481

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4810, -13.0551, -12.6998 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(95, 122, 83)` looks like.

```
.text, #text, p{  
    color:rgb(95, 122, 83)  
}
```

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(95, 122, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 122, 83) }
```

Border

The CSS property to change the border of an element to YUV 109.4810, -13.0551, -12.6998 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(95, 122, 83) }
```


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

```
.border{ border-color:rgb(95, 122, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 122, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 122, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 122, 83);  
box-shadow:4px 4px 4px 4px rgb(95, 122,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 109.4810, -13.0551, -12.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 122, 83) }
```

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

```
.background{ background-color: rgb(95, 122,  
83) }
```

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