

Converting Colors

YUV(111.4290, -14.0155,
15.4098)

Have a look what the booklet for
YUV(111.4290, -14.0155, 15.4098)
contains.

YUV(111.4290, -14.0155, 15.4098)	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(111.4290, -14.0155,
15.4098)**

Conversions

Conversions Part 1

Format	Color
Hex	816C53
RGB	129, 108, 83
RGB Percent	51%, 42%, 33%
CMY	0.4941, 0.5765, 0.6745
CMYK	0.00, 0.16, 0.36, 0.49
HSL	33°, 22%, 42%
HSV	33°, 36%, 51%
XYZ	15.9772, 16.0168, 10.4331
YIQ	111.4290, 20.5410, -3.3230

Conversions

Conversions Part 2

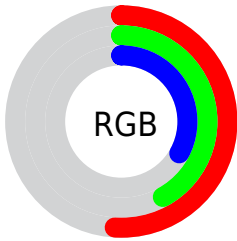
Format	Color
R_{YB}	122, 129, 83
Decimal	8481875
CIE _{Lab}	47.00, 4.41, 17.10
CIE _{LCh}	47, 17.654, 75.538
Yxy	16.0168, 0.3766, 0.3775
Android (android.graphics.Color)	4286671955 (0xFF816C53)
YUV	111.4290, -14.0155, 15.4098
Hunter-Lab	40.0210, 1.2240, 12.5584

Details

The YUV color **111.4290, -14.0155, 15.4098** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **100.5710, 14.0155, -15.4098**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2120, -14.8945, 17.3541**, and **63.7600, -12.6997, 13.3655** is the 20% darker color. If you saturate the color by 10%, you get **106.4250, -17.9575, 19.7983**, and if you desaturate by 10%, it is **116.4330, -10.0735, 11.0213**.

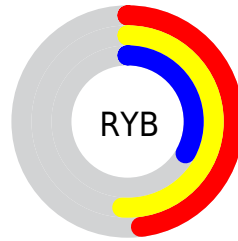
Distribution



Red (51%)

Green (42%)

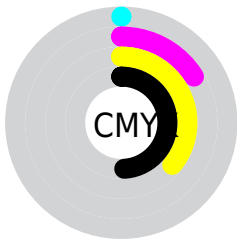
Blue (33%)



Red (48%)

Yellow (51%)

Blue (33%)

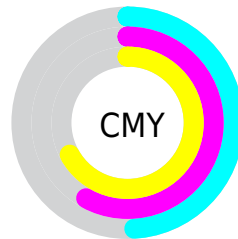


Cyan (0%)

Magenta (16%)

Yellow (36%)

Black (49%)



Cyan (49%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.4290, -14.0155, 15.4098 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 111.4290, -14.0155, 15.4098 by changing the saturation by 10% instead.

■ 111.4290,
-14.0155, 15.4098

■ 111.4290,
-14.0155, 15.4098

■ 255.0000, 0.0000,
0.0000

■ 86.9450, -13.2839,
14.0802

■ 163.2120,
-14.8945, 17.3541

■ 63.7600, -12.6997,
13.3655

■ 190.3970,
-15.4787, 18.0688

■ 41.2760, -11.9681,
12.0359

■ 218.2830,
-15.9155, 18.1688

■ 21.0200, -10.3629,
10.5065

■ 242.6950,
-14.1466, 10.7915

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,
1.2997

■ 111.4290,
-14.0155, 15.4098

■ 111.4290,
-14.0155, 15.4098

■ 106.4250,
-17.9575, 19.7983

■ 116.4330,
-10.0735, 11.0213

■ 101.4210,
-21.8996, 24.1868

■ 121.4370, -6.1314,
6.6328

■ 96.4170, -25.8416,
28.5753

■ 126.4410, -2.1894,
2.2442

■ 91.4130, -29.7836,
32.9638

■ 131.4450, 1.7526,
-2.1443

■ 87.1100, -33.5782,
36.7375

■ 135.7480, 5.5472,
-5.9180

■ 82.1060, -37.5203,
41.1260

■ 140.7520, 9.4893,
-10.3065

■ 79.6610, -39.2729,
43.2703

■ 145.7560, 13.4313,
-14.6950

■ 150.7600, 17.3733,

-19.0835

■ 155.7640, 21.3153,
-23.4720

Harmonies

Analogous

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



112.3960, -10.5482, 23.3317



111.4290, -14.0155, 15.4098



109.8790, -13.2513, 3.6141

Triad

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



111.4290, -14.0155, 15.4098



104.9360, 6.9336, -30.6389



113.4600, 9.1402, 8.3666

Complementary

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



111.4290, -14.0155, 15.4098



100.5710, 14.0155, -15.4098

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.



111.6260, 13.9884, -6.6880



111.4290, -14.0155, 15.4098



105.2440, 13.1907, -30.9090

Square

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



111.4290, -14.0155, 15.4098



105.9280, -0.9505, -21.8619



108.5810, 15.4896, -21.5575



113.8160, 2.5557, 20.3324

Rectangle

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



111.4290, -14.0155, 15.4098



108.8070, -10.7509, -5.0927



108.5810, 15.4896, -21.5575



113.2960, 11.1931, 3.2484

Sweetspot

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



111.4290, -14.0155, 15.4098



161.2520, -5.5472, 5.9180



99.1480, 2.3920, 26.1802



79.8110, -3.3578, 3.6738



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



111.4290, -14.0155, 15.4098



140.4210, -21.8996, 24.1868



123.1580, -19.7979, 3.3694



61.4410, -2.1894, 2.2442



78.7750, -38.8361, 43.1703



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.5710, 14.0155, -15.4098



123.5790, 21.8996, -24.1868



88.8420, 19.7979, -3.3694



59.5590, 2.1894, -2.2442



48.6380, 39.1255, -42.6555



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 111.4290, -14.0155, 15.4098 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 111.4290, -14.0155, 15.4098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

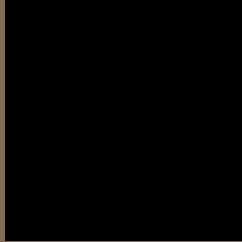
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.4290, -14.0155, 15.4098

Background



This preview shows how black text looks on a background with the YUV color 111.4290, -14.0155, 15.4098.



This preview shows how white text looks on a background with the YUV color 111.4290, -14.0155, 15.4098.

15.4098.

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

111.4290, -14.0155, 15.4098

Protanopia

110.4280, -12.5360, 7.5176

Deuteranopia

111.7390, -14.1683, 17.7689



Tritanopia

113.2840, -0.6330, 16.4139

Trichromacy



Original Color

111.4290, -14.0155, 15.4098

Protanomaly

110.9230, -13.2730, 10.5915

Deuteranomaly

111.4400, -14.0209, 17.1541

Tritanomaly

112.3180, -5.5798, 16.3841

Monochromacy



Original Color

111.4290, -14.0155, 15.4098

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.3660, -5.1104, 5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4290, -14.0155, 15.4098 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(129, 108, 83)` looks like.

```
.text, #text, p{  
    color:rgb(129, 108, 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(129, 108, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 108, 83) }
```

Border

The CSS property to change the border of an element to YUV 111.4290, -14.0155, 15.4098 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(129, 108, 83) }
```


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

```
.border{ border-color:rgb(129, 108, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 108, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 108, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 108, 83);  
box-shadow:4px 4px 4px 4px rgb(129, 108,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 111.4290, -14.0155, 15.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 108, 83) }
```

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

```
.background{ background-color: rgb(129,  
108, 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