

Converting Colors

YUV(106.4290, -14.0155,
15.4098)

Have a look what the booklet for
YUV(106.4290, -14.0155, 15.4098)
contains.

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Color

**YUV(106.4290, -14.0155,
15.4098)**

Conversions

Conversions Part 1

Format	Color
Hex	7C674E
RGB	124, 103, 78
RGB Percent	49%, 40%, 31%
CMY	0.5137, 0.5961, 0.6941
CMYK	0.00, 0.17, 0.37, 0.51
HSL	33°, 23%, 40%
HSV	33°, 37%, 49%
XYZ	14.5376, 14.5356, 9.2472
YIQ	106.4290, 20.5410, -3.3230

Conversions

Conversions Part 2

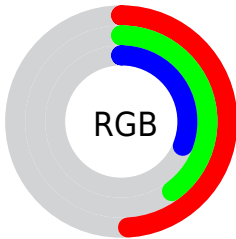
Format	Color
RYB	117, 124, 78
Decimal	8152910
CIELab	44.99, 4.50, 17.25
CIElCh	45, 17.824, 75.372
Yxy	14.5356, 0.3794, 0.3793
Android (android.graphics.Color)	4286342990 (0xFF7C674E)
YUV	106.4290, -14.0155, 15.4098
Hunter-Lab	38.1256, 1.3435, 12.3075

Details

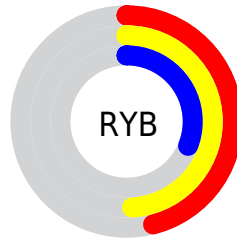
The YUV color **106.4290, -14.0155, 15.4098** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **95.5710, 14.0155, -15.4098**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7990, -15.1839, 16.8393**, and **58.7600, -12.6997, 13.3655** is the 20% darker color. If you saturate the color by 10%, you get **101.5390, -17.5207, 19.6983**, and if you desaturate by 10%, it is **111.3190, -10.5103, 11.1212**.

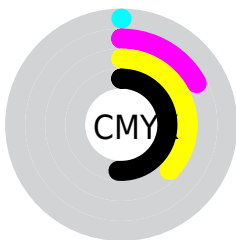
Distribution



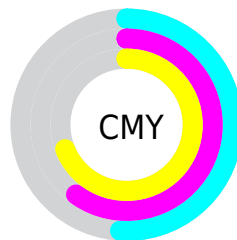
- Red (49%)
- Green (40%)
- Blue (31%)



- Red (46%)
- Yellow (49%)
- Blue (31%)



- Cyan (0%)
- Magenta (17%)
- Yellow (37%)
- Black (51%)



- Cyan (51%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.4290, -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 106.4290, -14.0155, 15.4098 by changing the saturation by 10% instead.

■ 106.4290,
-14.0155, 15.4098

■ 106.4290,
-14.0155, 15.4098

■ 255.0000, 0.0000,
0.0000

■ 82.2440, -13.4313,
14.6950

■ 157.7990,
-15.1839, 16.8393

■ 58.7600, -12.6997,
13.3655

■ 184.9840,
-15.7681, 17.5540

■ 37.1620, -12.4049,
12.1359

■ 212.5820,
-16.0629, 18.7836

■ 16.8890, -8.3263,
10.6213

■ 239.0760,
-15.3205, 13.9653

■ 0.0000, 0.0000,
0.0000

■ 252.8340, -8.2992,
1.8996

■ 106.4290,
-14.0155, 15.4098

■ 106.4290,
-14.0155, 15.4098

■ 101.5390,
-17.5207, 19.6983

■ 111.3190,
-10.5103, 11.1212

■ 97.1220, -21.7521,
23.5720

■ 115.7360, -6.2788,
7.2475

■ 92.2320, -25.2574,
27.8605

■ 120.6260, -2.7736,
2.9590

■ 87.2280, -29.1994,
32.2490

■ 125.6300, 1.1684,
-1.4295

■ 82.9250, -32.9940,
36.0228

■ 129.9330, 4.9630,
-5.2032

■ 78.0350, -36.4993,
40.3113

■ 134.8230, 8.4683,
-9.4918

■ 76.4050, -37.6677,
41.7408

■ 139.8270, 12.4103,
-13.8803

■ 144.1300, 16.2049,

-17.6540

■ 149.1340, 20.1469,
-22.0425

Harmonies

Analogous

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



107.3960, -10.5482, 23.3317



106.4290, -14.0155, 15.4098



104.8790, -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.



106.4290, -14.0155, 15.4098



99.6370, 7.0810, -31.2536



108.4600, 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.



106.4290, -14.0155, 15.4098



95.5710, 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.



106.6260, 13.9884, -6.6880



106.4290, -14.0155, 15.4098



100.2440, 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.



106.4290, -14.0155, 15.4098



100.8140, -1.3873, -21.7619



103.5810, 15.4896, -21.5575



108.5170, 2.7031, 19.7176

Rectangle

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



106.4290, -14.0155, 15.4098



103.8070, -10.7509, -5.0927



103.5810, 15.4896, -21.5575



108.2960, 11.1931, 3.2484

Sweetspot

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



106.4290, -14.0155, 15.4098



154.2520, -5.5472, 5.9180



94.1480, 2.3920, 26.1802



77.8110, -3.3578, 3.6738



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



106.4290, -14.0155, 15.4098



133.3070, -22.3364, 24.2868



118.1580, -19.7979, 3.3694



58.5550, -1.7526, 2.1443



77.2910, -38.1045, 41.8408



155.7670, -76.7931, 84.3963

Inverse Universe

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



95.5710, 14.0155, -15.4098



115.6930, 22.3364, -24.2868



83.8420, 19.7979, -3.3694



57.4450, 1.7526, -2.1443



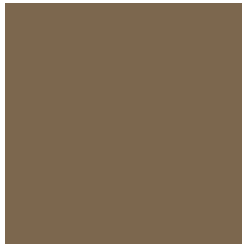
47.7090, 38.1045, -41.8408



96.2330, 76.7931, -84.3963

Previews

White Background



This preview shows how the YUV color 106.4290, -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 106.4290, -14.0155, 15.4098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

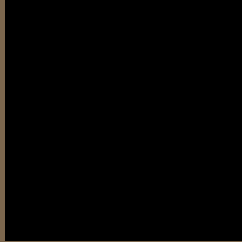
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.4290, -14.0155, 15.4098

Background



This preview shows how black text looks on a background with the YUV color 106.4290, -14.0155, 15.4098.



This preview shows how white text looks on a background with the YUV color 106.4290, -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

106.4290, -14.0155, 15.4098

Protanopia

105.4280, -12.5360, 7.5176

Deuteranopia

106.4400, -14.0209, 17.1541



Tritanopia

108.2840, -0.6330, 16.4139

Trichromacy



Original Color

106.4290, -14.0155, 15.4098

Protanomaly

105.9230, -13.2730, 10.5915

Deuteranomaly

106.1410, -13.8735, 16.5393

Tritanomaly

107.3180, -5.5798, 16.3841

Monochromacy



Original Color

106.4290, -14.0155, 15.4098

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.3660, -5.1104, 5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4290, -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(124, 103, 78)` looks like.

```
.text, #text, p{  
    color:rgb(124, 103, 78)  
}
```

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(124, 103, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 103, 78) }
```

Border

The CSS property to change the border of an element to YUV 106.4290, -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(124, 103, 78) }
```


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

```
.border{ border-color:rgb(124, 103, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 103, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 103, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 103, 78);  
box-shadow:4px 4px 4px 4px rgb(124, 103,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 106.4290, -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(124, 103, 78) }
```

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

```
.background{ background-color: rgb(124,  
103, 78) }
```

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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