

Converting Colors

YUV(118.8740, -12.2629,
13.2655)

Have a look what the booklet for
YUV(118.8740, -12.2629, 13.2655)
contains.

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Color

**YUV(118.8740, -12.2629,
13.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	86745E
RGB	134, 116, 94
RGB Percent	53%, 45%, 37%
CMY	0.4745, 0.5451, 0.6314
CMYK	0.00, 0.13, 0.30, 0.47
HSL	33°, 18%, 45%
HSV	33°, 30%, 53%
XYZ	18.0973, 18.3673, 13.1811
YIQ	118.8740, 17.7900, -3.0260

Conversions

Conversions Part 2

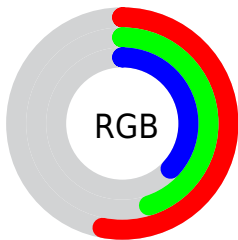
Format	Color
RYB	127, 134, 94
Decimal	8811614
CIELab	49.94, 3.43, 14.75
CIElCh	50, 15.143, 76.908
Yxy	18.3673, 0.3645, 0.3700
Android (android.graphics.Color)	4287001694 (0xFF86745E)
YUV	118.8740, -12.2629, 13.2655
Hunter-Lab	42.8570, 0.3755, 11.7647

Details

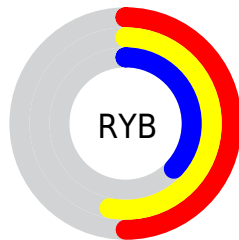
The YUV color **118.8740, -12.2629, 13.2655** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.1260, 12.2629, -13.2655**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2440, -13.4313, 14.6950**, and **70.5040, -11.0945, 11.8360** is the 20% darker color. If you saturate the color by 10%, you get **113.8700, -16.2049, 17.6540**, and if you desaturate by 10%, it is **123.8780, -8.3209, 8.8770**.

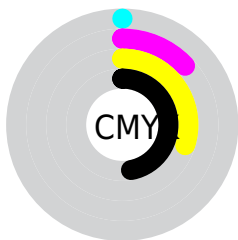
Distribution



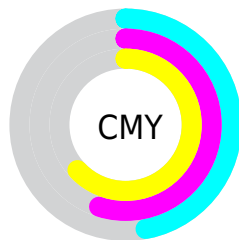
- Red (53%)
- Green (45%)
- Blue (37%)



- Red (50%)
- Yellow (53%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8740, -12.2629, 13.2655 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 118.8740, -12.2629, 13.2655 by changing the saturation by 10% instead.

■ 118.8740,
-12.2629, 13.2655

■ 118.8740,
-12.2629, 13.2655

■ 255.0000, 0.0000,
0.0000

■ 93.6890, -11.6787,
12.5507

■ 171.2440,
-13.4313, 14.6950

■ 70.5040, -11.0945,
11.8360

■ 198.5430,
-13.5787, 15.3098

■ 48.0200, -10.3629,
10.5065

■ 226.4290,
-14.0155, 15.4098

■ 26.0370, -12.8362,
10.4916

■ 249.9330,
-11.7990, 4.4438

■ 2.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,
0.0000

■ 118.8740,
-12.2629, 13.2655

■ 118.8740,
-12.2629, 13.2655

■ 113.8700,
-16.2049, 17.6540

■ 123.8780, -8.3209,
8.8770

■ 108.7520,
-20.5837, 22.1425

■ 128.9960, -3.9420,
4.3885

■ 103.7480,
-24.5258, 26.5310

■ 134.0000, 0.0000,
0.0000

■ 98.6300, -28.9046,
31.0195

■ 139.1180, 4.3788,
-4.4885

■ 93.6260, -32.8466,
35.4080

■ 144.1220, 8.3209,
-8.8770

■ 88.6220, -36.7886,
39.7965

■ 149.1260, 12.2629,
-13.2655

■ 83.5040, -41.1675,
44.2850

■ 154.2440, 16.6417,
-17.7540

■ 159.2480, 20.5837,

-22.1425

■ 164.3660, 24.9626,
-26.6310

Harmonies

Analogous

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



120.0150, -9.3744, 20.1578



118.8740, -12.2629, 13.2655



117.3350, -11.5042, 3.2142

Triad

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



118.8740, -12.2629, 13.2655



113.4420, 6.1911, -25.8206



120.7050, 7.5404, 8.1517

Complementary

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



118.8740, -12.2629, 13.2655



109.1260, 12.2629, -13.2655

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.



119.0670, 11.7990, -4.4438



118.8740, -12.2629, 13.2655



114.7070, 10.9904, -25.1760

Square

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



118.8740, -12.2629, 13.2655



114.6510, -0.8139, -18.9879



116.9190, 12.8579, -17.4690



120.9790, 1.9824, 17.5584

Rectangle

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



118.8740, -12.2629, 13.2655



116.5620, -9.1511, -4.8779



116.9190, 12.8579, -17.4690



120.7260, 9.0091, 3.7483

Sweetspot

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



118.8740, -12.2629, 13.2655



167.1810, -4.5262, 5.1033



108.0120, 1.9661, 22.7915



82.9250, -2.9210, 3.5738



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.



118.8740, -12.2629, 13.2655



149.4960, -18.9785, 20.6130



129.1410, -17.3245, 3.3843



63.5550, -1.7526, 2.1443



81.1340, -39.9991, 42.8555



1.4840, -0.7316, 1.3295

Inverse Universe

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



109.1260, 12.2629, -13.2655



134.5040, 18.9785, -20.6130



99.1580, 17.1771, -2.7696



62.4450, 1.7526, -2.1443



49.4530, 39.7097, -43.3703



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 118.8740, -12.2629, 13.2655 looks on a white background.

Color Contrast Check

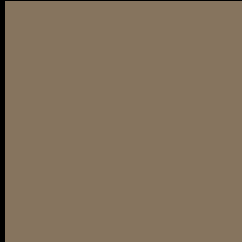
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.8740, -12.2629, 13.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

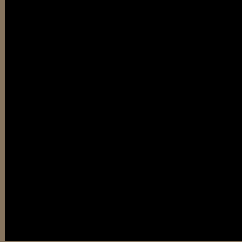
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.8740, -12.2629, 13.2655

Background



This preview shows how black text looks on a background with the YUV color 118.8740, -12.2629, 13.2655.



This preview shows how white text looks on a background with the YUV color 118.8740, -12.2629, 13.2655.

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

118.8740, -12.2629, 13.2655

Protanopia

118.3570, -11.5150, 6.7029

Deuteranopia

119.1950, -12.4211, 17.3690



Tritanopia

120.5010, 0.2460, 14.4696

Trichromacy



Original Color

118.8740, -12.2629, 13.2655

Protanomaly

118.6670, -11.6678, 9.0620

Deuteranomaly

119.1840, -12.4157, 15.6246

Tritanomaly

119.6490, -4.2640, 14.3398

Monochromacy



Original Color

118.8740, -12.2629, 13.2655

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8820, -4.3788, 4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8740, -12.2629, 13.2655 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(134, 116, 94)` looks like.

```
.text, #text, p{  
    color:rgb(134, 116, 94)  
}
```

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(134, 116, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 116, 94) }
```

Border

The CSS property to change the border of an element to YUV 118.8740, -12.2629, 13.2655 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(134, 116, 94) }
```


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

```
.border{ border-color:rgb(134, 116, 94) }
```

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

Here you see how a box with a 4 pixel rgb(134, 116, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 116, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 116, 94);  
box-shadow:4px 4px 4px 4px rgb(134, 116,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 118.8740, -12.2629, 13.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 116, 94) }
```

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

```
.background{ background-color: rgb(134,  
116, 94) }
```

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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