

Converting Colors

YUV(123.7740, -24.0456,
12.4762)

Have a look what the booklet for
YUV(123.7740, -24.0456, 12.4762)
contains.

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Color

**YUV(123.7740, -24.0456,
12.4762)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7E4B
RGB	138, 126, 75
RGB Percent	54%, 49%, 29%
CMY	0.4588, 0.5059, 0.7059
CMYK	0.00, 0.09, 0.46, 0.46
HSL	49°, 30%, 42%
HSV	49°, 46%, 54%
XYZ	19.2121, 20.8330, 9.6652
YIQ	123.7740, 23.5230, -13.3170

Conversions

Conversions Part 2

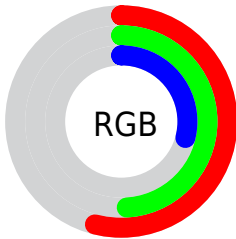
Format	Color
RYB	90, 138, 75
Decimal	9076299
CIELab	52.77, -2.97, 29.35
CIElCh	53, 29.495, 95.777
Yxy	20.8330, 0.3865, 0.4191
Android (android.graphics.Color)	4287266379 (0xFF8A7E4B)
YUV	123.7740, -24.0456, 12.4762
Hunter-Lab	45.6432, -4.7414, 19.3952

Details

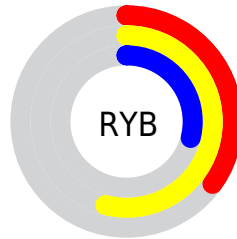
The YUV color **123.7740, -24.0456, 12.4762** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **89.2260, 24.0456, -12.4762**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0300, -25.6508, 14.0057**, and **74.2190, -22.2930, 10.3319** is the 20% darker color. If you saturate the color by 10%, you get **120.4170, -29.2926, 15.4203**, and if you desaturate by 10%, it is **127.1310, -18.7986, 9.5321**.

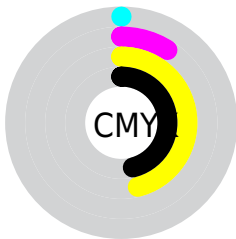
Distribution



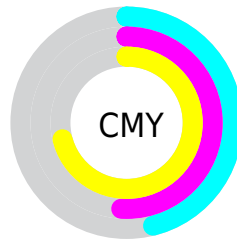
- Red (54%)
- Green (49%)
- Blue (29%)



- Red (35%)
- Yellow (54%)
- Blue (29%)



- Cyan (0%)
- Magenta (9%)
- Yellow (46%)
- Black (46%)



- Cyan (46%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7740, -24.0456, 12.4762 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 123.7740, -24.0456, 12.4762 by changing the saturation by 10% instead.

■ 123.7740,
-24.0456, 12.4762

■ 123.7740,
-24.0456, 12.4762

■ 255.0000, 0.0000,
0.0000

■ 98.7030, -23.0246,
11.6615

■ 177.0300,
-25.6508, 14.0057

■ 74.2190, -22.2930,
10.3319

■ 204.2150,
-26.2350, 14.7204

■ 51.3930, -22.8717,
9.3023

■ 232.4000,
-26.8192, 15.4352

■ 31.0320, -15.2988,
6.9879

■ 249.3000,
-21.8399, 4.9989

■ 9.4360, -4.6519,
-1.2594

■ 252.6060, -9.1728,
2.0995

■ 0.0000, 0.0000,
0.0000

■ 123.7740,
-24.0456, 12.4762

■ 123.7740,
-24.0456, 12.4762

■ 120.4170,
-29.2926, 15.4203

■ 127.1310,
-18.7986, 9.5321

■ 117.6470,
-34.8290, 17.8496

■ 129.9010,
-13.2622, 7.1028

■ 114.4040,
-39.6392, 20.6937

■ 133.1440, -8.4520,
4.2587

■ 111.0470,
-44.8862, 23.6378

■ 136.5010, -3.2050,
1.3146

■ 108.2770,
-50.4226, 26.0671

■ 139.2710, 2.3314,
-1.1147

■ 107.0060,
-52.7540, 27.1817

■ 142.6280, 7.5784,
-4.0588

■ 145.3980, 13.1148,
-6.4880

■ 148.6410, 17.9250,

-9.3322

■ 151.9980, 23.1720,
-12.2762

Harmonies

Analogous

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



125.6390, -22.5000, 30.1346



123.7740, -24.0456, 12.4762



120.8360, -18.1601, -8.6262

Triad

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



123.7740, -24.0456, 12.4762



105.2540, 24.5248, -73.0138



129.1790, 8.7858, 28.7840

Complementary

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



123.7740, -24.0456, 12.4762



89.2260, 24.0456, -12.4762

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.



128.6690, 18.8972, 5.5523



123.7740, -24.0456, 12.4762



114.4120, 28.3909, -52.9813

Square

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



123.7740, -24.0456, 12.4762



110.7540, 9.4883, -56.7893



123.9150, 25.6779, -22.7275



128.4550, -3.1823, 40.8200

Rectangle

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



123.7740, -24.0456, 12.4762



118.6860, -10.6912, -24.2806



123.9150, 25.6779, -22.7275



129.7590, 12.4438, 22.1364

Sweetspot

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



123.7740, -24.0456, 12.4762



173.2150, -9.4730, 5.0734



95.3190, -3.6083, 37.4312



85.5290, -5.6838, 3.0441



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



123.7740, -24.0456, 12.4762



156.5610, -37.7446, 19.6790



125.1370, -24.7175, -5.3821



67.6150, -2.7682, 1.2146



102.5760, -50.5700, 26.6818



3.8430, -1.8946, 1.0147

Inverse Universe

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



89.2260, 24.0456, -12.4762



102.4390, 37.7446, -19.6790



87.8630, 24.7175, 5.3821



63.3850, 2.7682, -1.2146



29.8370, 50.8594, -26.1670



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 123.7740, -24.0456, 12.4762 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 123.7740, -24.0456, 12.4762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

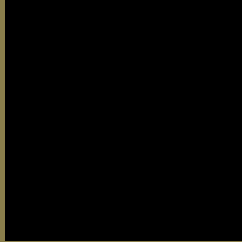
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.7740, -24.0456, 12.4762

Background



This preview shows how black text looks on a background with the YUV color 123.7740, -24.0456, 12.4762.



This preview shows how white text looks on a background with the YUV color 123.7740, -24.0456, 12.4762.

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

123.7740, -24.0456, 12.4762

Protanopia

123.7740, -24.0456, 12.4762

Deuteranopia

124.8510, -24.0835, 24.6867



Tritanopia

128.2020, 0.3934, 13.8548

Trichromacy



Original Color

123.7740, -24.0456, 12.4762

Protanomaly

123.7740, -24.0456, 12.4762

Deuteranomaly

124.5300, -23.9253, 20.5832

Tritanomaly

126.4980, -8.6265, 13.5953

Monochromacy



Original Color

123.7740, -24.0456, 12.4762

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0300, -8.8888, 4.3587

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7740, -24.0456, 12.4762 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(138, 126, 75)` looks like.

```
.text, #text, p{  
    color:rgb(138, 126, 75)  
}
```

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(138, 126, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 126, 75) }
```

Border

The CSS property to change the border of an element to YUV 123.7740, -24.0456, 12.4762 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(138, 126, 75) }
```


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

```
.border{ border-color:rgb(138, 126, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 126, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 126, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 126, 75);  
box-shadow:4px 4px 4px 4px rgb(138, 126,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 123.7740, -24.0456, 12.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 126, 75) }
```

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

```
.background{ background-color: rgb(138,  
126, 75) }
```

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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