

Converting Colors

YUV(106.6820, -24.4932,
16.0649)

Have a look what the booklet for
YUV(106.6820, -24.4932, 16.0649)
contains.

YUV(106.6820, -24.4932, 16.0649)	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(106.6820, -24.4932,
16.0649)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6B39
RGB	125, 107, 57
RGB Percent	49%, 42%, 22%
CMY	0.5098, 0.5804, 0.7765
CMYK	0.00, 0.14, 0.54, 0.51
HSL	44°, 37%, 36%
HSV	44°, 54%, 49%
XYZ	14.4537, 15.1708, 6.0374
YIQ	106.6820, 26.7780, -11.7340

Conversions

Conversions Part 2

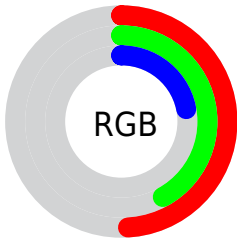
Format	Color
R_{YB}	81, 125, 57
Decimal	8219449
CIE _{Lab}	45.87, 0.21, 30.40
CIE _{LCh}	46, 30.403, 89.602
Yxy	15.1708, 0.4053, 0.4254
Android (android.graphics.Color)	4286409529 (0xFF7D6B39)
YUV	106.6820, -24.4932, 16.0649
Hunter-Lab	38.9497, -1.9232, 18.0746

Details

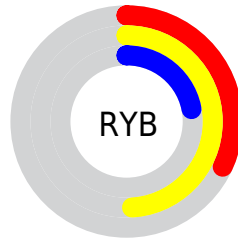
The YUV color **106.6820, -24.4932, 16.0649** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **75.3180, 24.4932, -16.0649**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.2370, -26.2458, 18.2092**, and **58.6000, -23.4668, 13.5058** is the 20% darker color. If you saturate the color by 10%, you get **103.5530, -28.8666, 18.8090**, and if you desaturate by 10%, it is **109.9250, -19.6830, 13.2208**.

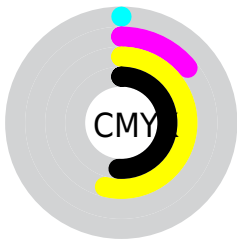
Distribution



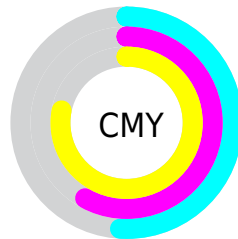
- Red (49%)
- Green (42%)
- Blue (22%)



- Red (32%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (14%)
- Yellow (54%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6820, -24.4932, 16.0649 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 106.6820, -24.4932, 16.0649 by changing the saturation by 10% instead.

■ 106.6820,
-24.4932, 16.0649

■ 106.6820,
-24.4932, 16.0649

■ 255.0000, 0.0000,
0.0000

■ 82.1980, -23.7616,
14.7354

■ 158.2370,
-26.2458, 18.2092

■ 58.6000, -23.4668,
13.5058

■ 185.4220,
-26.8300, 18.9239

■ 37.2560, -18.3672,
11.1765

■ 213.4930,
-27.8510, 19.7386

■ 18.3400, -9.0416,
6.7178

■ 238.6880,
-26.9612, 14.3056

■ 0.0000, 0.0000,
0.0000

■ 250.0980,
-18.7823, 4.2991

■ 253.4040, -6.1152,

1.3997

■ 106.6820,
-24.4932, 16.0649

■ 106.6820,
-24.4932, 16.0649

■ 103.5530,
-28.8666, 18.8090

■ 109.9250,
-19.6830, 13.2208

■ 99.7230, -33.3874,
22.1679

■ 113.6410,
-15.5990, 9.9618

■ 96.5940, -37.7608,
24.9121

■ 116.8840,
-10.7888, 7.1177

■ 93.3510, -42.5710,
27.7562

■ 120.0130, -6.4154,
4.3736

■ 91.3790, -45.0498,
29.4856

■ 123.8430, -1.8946,
1.0147

■ 126.9720, 2.4788,
-1.7294

■ 130.2150, 7.2890,
-4.5736

■ 133.3440, 11.6624,
-7.3177

■ 137.1740, 16.1832,
-10.6766

Harmonies

Analogous

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



108.2910, -21.3425, 32.1938



106.6820, -24.4932, 16.0649



104.2880, -20.3550, -4.6376

Triad

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



106.6820, -24.4932, 16.0649



86.1890, 23.0778, -75.5878



111.8410, 11.4174, 24.6954

Complementary

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



106.6820, -24.4932, 16.0649



75.3180, 24.4932, -16.0649

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.



110.5050, 20.9500, 0.4341



106.6820, -24.4932, 16.0649



86.5940, 32.2452, -75.9429

Square

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



106.6820, -24.4932, 16.0649



91.2870, 7.7465, -58.1337



103.6150, 27.3048, -31.2344



110.5410, -0.2667, 38.9905

Rectangle

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



106.6820, -24.4932, 16.0649



101.4370, -13.0334, -19.6772



103.6150, 27.3048, -31.2344



112.0080, 14.7861, 17.5330

Sweetspot

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



106.6820, -24.4932, 16.0649



155.9270, -9.3310, 6.2030



79.3840, -2.1613, 40.0052



77.2410, -5.5418, 4.1736



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.



106.6820, -24.4932, 16.0649



134.4800, -38.1976, 25.0120



112.4640, -27.3438, -3.0379



62.0280, -2.4788, 1.7294



93.4500, -46.0708, 30.3004



0.0000, 0.0000, 0.0000

Inverse Universe

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



75.3180, 24.4932, -16.0649



85.5200, 38.1976, -25.0120



69.5360, 27.3438, 3.0379



58.9720, 2.4788, -1.7294



34.5500, 46.0709, -30.3003



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.6820, -24.4932, 16.0649 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 106.6820, -24.4932, 16.0649 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 106.6820, -24.4932, 16.0649

Background



This preview shows how black text looks on a background with the YUV color 106.6820, -24.4932, 16.0649.



This preview shows how white text looks on a background with the YUV color 106.6820, -24.4932, 16.0649.

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

106.6820, -24.4932, 16.0649

Protanopia

106.4750, -23.8982, 11.8614

Deuteranopia

107.4270, -24.3675, 22.4275



Tritanopia

110.5830, -0.7804, 17.0287

Trichromacy



Original Color

106.6820, -24.4932, 16.0649

Protanomaly

106.4860, -23.9036, 13.6058

Deuteranomaly

107.1170, -24.2147, 20.0684

Tritanomaly

108.9930, -9.3635, 16.6691

Monochromacy



Original Color

106.6820, -24.4932, 16.0649

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0410, -8.8942, 6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6820, -24.4932, 16.0649 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(125, 107, 57)` looks like.

```
.text, #text, p{  
    color:rgb(125, 107, 57)  
}
```

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(125, 107, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 107, 57) }
```

Border

The CSS property to change the border of an element to YUV 106.6820, -24.4932, 16.0649 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(125, 107, 57) }
```


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

```
.border{ border-color:rgb(125, 107, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 107, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 107, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 107, 57);  
box-shadow:4px 4px 4px 4px rgb(125, 107,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 106.6820, -24.4932, 16.0649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 107, 57) }
```

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

```
.background{ background-color: rgb(125,  
107, 57) }
```

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