

# Converting Colors

YUV(99.3750, -32.2299,  
24.2271)

Have a look what the booklet for  
YUV(99.3750, -32.2299, 24.2271)  
contains.

<b>YUV(99.3750, -32.2299, 24.2271)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(99.3750, -32.2299,  
24.2271)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F6222
RGB	127, 98, 34
RGB Percent	50%, 38%, 13%
CMY	0.5020, 0.6157, 0.8667
CMYK	0.00, 0.23, 0.73, 0.50
HSL	41°, 58%, 32%
HSV	41°, 73%, 50%
XYZ	13.4088, 13.3629, 3.3859
YIQ	99.3750, 37.8280, -13.7560

# Conversions

## Conversions Part 2

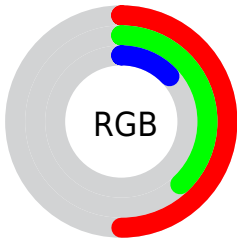
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 127, 34
Decimal	8348194
CIELab	43.31, 4.66, 39.36
CIElCh	43, 39.632, 83.243
Yxy	13.3629, 0.4446, 0.4431
Android (android.graphics.Color)	4286538274 (0xFF7F6222)
YUV	99.3750, -32.2299, 24.2271
Hunter-Lab	36.5553, 1.5037, 20.0969

# Details

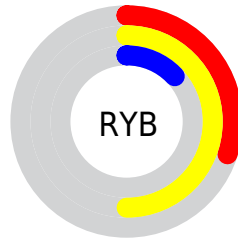
The YUV color **99.3750, -32.2299, 24.2271** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **61.6250, 32.2299, -24.2271**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9410, -33.9879, 28.1157**, and **52.9490, -26.1039, 19.3387** is the 20% darker color. If you saturate the color by 10%, you get **95.5450, -36.7507, 27.5860**, and if you desaturate by 10%, it is **103.2050, -27.7091, 20.8682**.

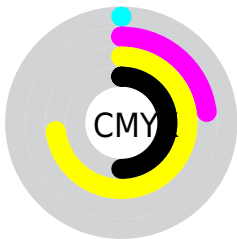
# Distribution



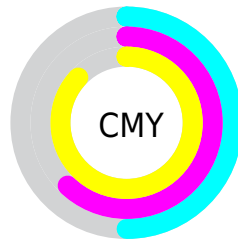
- Red (50%)
- Green (38%)
- Blue (13%)



- Red (30%)
- Yellow (50%)
- Blue (13%)



- Cyan (0%)
- Magenta (23%)
- Yellow (73%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.3750, -32.2299, 24.2271 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 99.3750, -32.2299, 24.2271 by changing the saturation by 10% instead.



■ 99.3750, -32.2299,  
24.2271

■ 99.3750, -32.2299,  
24.2271

■ 255.0000, 0.0000,  
0.0000

■ 74.2500, -32.6613,  
22.5828

■ 150.9410,  
-33.9879, 28.1157

■ 52.9490, -26.1039,  
19.3387

■ 178.1260,  
-34.5721, 28.8305

■ 32.8480, -16.1941,  
14.1653

■ 205.7950,  
-35.8879, 30.8748

■ 11.8720, -5.8529,  
10.6363

■ 229.4950,  
-34.2610, 22.3679

■ 0.0000, 0.0000,  
0.0000

■ 247.2480,  
-29.7023, 6.7985

■ 250.4400,

-17.4719, 3.9991

253.7460, -4.8048,  
1.0998

99.3750, -32.2299,  
24.2271

99.3750, -32.2299,  
24.2271

95.5450, -36.7507,  
27.5860

103.2050,  
-27.7091, 20.8682

91.8290, -40.8347,  
30.8450

106.9210,  
-23.6251, 17.6093

89.0420, -43.8977,  
33.2892

110.7510,  
-19.1042, 14.2504

114.5810,  
-14.5834, 10.8915

118.4110,  
-10.0626, 7.5326

■ 122.1270, -5.9786,  
4.2736

■ 125.9570, -1.4578,  
0.9147

■ 129.7870, 3.0630,  
-2.4442

■ 133.5030, 7.1470,  
-5.7031

# Harmonies

## Analogous

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



101.3310, -25.3062, 43.5597



99.3750, -32.2299, 24.2271



96.4320, -28.8070, -0.3789

# Triad

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



99.3750, -32.2299, 24.2271



83.7440, 21.3252, -73.4435



105.2740, 18.1059, 26.0697

# Complementary

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



99.3750, -32.2299, 24.2271



61.6250, 32.2299, -24.2271

# 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.



102.7300, 29.7131, -10.2872



99.3750, -32.2299, 24.2271



85.0610, 33.9869, -74.5985

# Square

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



99.3750, -32.2299, 24.2271



79.9820, 6.9109, -70.1442



82.4340, 41.6910, -72.2946



103.3340, 3.7793, 47.9421



# Rectangle

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



99.3750, -32.2299, 24.2271



93.1890, -20.3062, -20.3368



82.4340, 41.6910, -72.2946



105.5330, 21.9222, 15.3186

# Sweetspot

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



99.3750, -32.2299, 24.2271



154.7380, -12.6888, 9.8768



65.1130, -1.0417, 54.2749



77.3830, -7.5838, 5.8031



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.



99.3750, -32.2299, 24.2271



122.3540, -50.4605, 38.2775



111.3150, -38.1163, -1.1533



62.0280, -2.4788, 1.7294



89.9280, -44.3345, 33.3891



0.0000, 0.0000, 0.0000



# Inverse Universe

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



61.6250, 32.2299, -24.2271



63.0590, 50.7499, -37.7627



49.6850, 38.1163, 1.1533



58.9720, 2.4788, -1.7294



38.0720, 44.3345, -33.3891



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 99.3750, -32.2299, 24.2271 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 99.3750, -32.2299, 24.2271 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

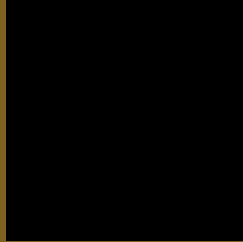
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 99.3750, -32.2299, 24.2271

## Background



This preview shows how black text looks on a background with the YUV color 99.3750, -32.2299, 24.2271.



This preview shows how white text looks on a background with the YUV color 99.3750, -32.2299,



# 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

99.3750, -32.2299, 24.2271

### Protanopia

98.8360, -31.4711, 14.1758

### Deuteranopia

99.0870, -32.0879, 25.3567



## Tritanopia

104.4590, -2.6913, 23.2765

# Trichromacy



## Original Color

99.3750, -32.2299, 24.2271

## Protanomaly

98.8580, -31.4820, 17.6645

## Deuteranomaly

99.0870, -32.0879, 25.3567

## Tritanomaly

102.5980, -13.6058, 24.0316

# Monochromacy



## Original Color

99.3750, -32.2299, 24.2271

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

99.2540, -11.9572, 8.5472

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.3750, -32.2299, 24.2271 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(127, 98, 34)` looks like.

```
.text, #text, p{  
    color:rgb(127, 98, 34)  
}
```

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(127, 98, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 98, 34) }
```

## Border

The CSS property to change the border of an element to YUV 99.3750, -32.2299, 24.2271 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(127, 98, 34) }
```



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

```
.border{ border-color:rgb(127, 98, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 98, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 98, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 98, 34);  
box-shadow:4px 4px 4px 4px rgb(127, 98,  
34) }
```

# Background

The CSS property to change the background color of an element to YUV 99.3750, -32.2299, 24.2271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 98, 34) }
```

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

```
.background{ background-color: rgb(127, 98,  
34) }
```

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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