

Converting Colors

YUV(117.4380, -24.3729,
24.1719)

Have a look what the booklet for
YUV(117.4380, -24.3729, 24.1719)
contains.

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Color

**YUV(117.4380, -24.3729,
24.1719)**

Conversions

Conversions Part 1

Format	Color
Hex	917144
RGB	145, 113, 68
RGB Percent	57%, 44%, 27%
CMY	0.4314, 0.5569, 0.7333
CMYK	0.00, 0.22, 0.53, 0.43
HSL	35°, 36%, 42%
HSV	35°, 53%, 57%
XYZ	18.6256, 18.2474, 8.0093
YIQ	117.4380, 33.5170, -7.2110

Conversions

Conversions Part 2

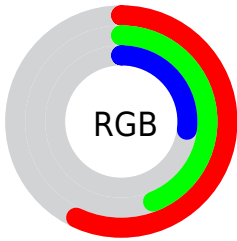
Format	Color
R_{YB}	123, 145, 68
Decimal	9531716
CIE _{Lab}	49.79, 6.82, 29.64
CIE _{LCh}	50, 30.415, 77.038
Yxy	18.2474, 0.4150, 0.4066
Android (android.graphics.Color)	4287721796 (0xFF917144)
YUV	117.4380, -24.3729, 24.1719
Hunter-Lab	42.7169, 3.0755, 18.7852

Details

The YUV color **117.4380, -24.3729, 24.1719** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **95.5620, 24.3729, -24.1719**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2920, -26.2730, 26.9309**, and **68.2850, -22.3255, 20.7981** is the 20% darker color. If you saturate the color by 10%, you get **112.3200, -28.7518, 28.6604**, and if you desaturate by 10%, it is **122.6700, -19.5573, 19.5834**.

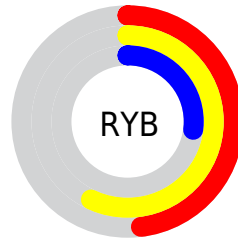
Distribution



Red (57%)

Green (44%)

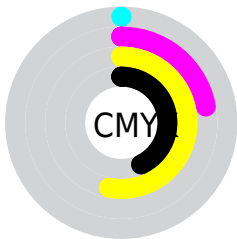
Blue (27%)



Red (48%)

Yellow (57%)

Blue (27%)

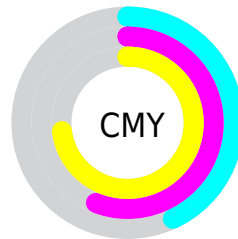


Cyan (0%)

Magenta (22%)

Yellow (53%)

Black (43%)



Cyan (43%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.4380, -24.3729, 24.1719 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 117.4380, -24.3729, 24.1719 by changing the saturation by 10% instead.

■ 117.4380,
-24.3729, 24.1719

■ 117.4380,
-24.3729, 24.1719

255.0000, 0.0000,
0.0000

■ 92.6550, -23.4939,
22.2276

■ 170.2920,
-26.2730, 26.9309

■ 68.2850, -22.3255,
20.7981

■ 197.7760,
-27.0046, 28.2604

■ 45.2740, -22.3201,
19.0537

■ 224.7650,
-26.9991, 26.5161

■ 26.0590, -12.8471,
13.9803

■ 244.2790,
-23.3085, 9.4023

■ 4.4850, -2.2111,
9.2217

■ 251.5800,
-13.1039, 2.9993

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,

0.1000

■ 117.4380,
-24.3729, 24.1719

■ 117.4380,
-24.3729, 24.1719

■ 112.3200,
-28.7518, 28.6604

■ 122.6700,
-19.5573, 19.5834

■ 107.0880,
-33.5674, 33.2488

■ 127.7880,
-15.1785, 15.0949

■ 101.9700,
-37.9462, 37.7373

■ 133.0200,
-10.3629, 10.5065

■ 96.7380, -42.7618,
42.3258

■ 138.1380, -5.9840,
6.0180

■ 93.2500, -45.9723,
45.3847

■ 143.3700, -1.1684,
1.4295

■ 148.4880, 3.2104,
-3.0590

■ 153.7200, 8.0260,
-7.6474

■ 158.8380, 12.4049,
-12.1359

■ 163.9560, 16.7837,
-16.6244

Harmonies

Analogous

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



118.8340, -18.1592, 37.8566



117.4380, -24.3729, 24.1719



115.2460, -23.2923, 4.1693

Triad

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



117.4380, -24.3729, 24.1719



94.1410, 19.1575, -78.1767



121.6380, 15.9545, 16.1035

Complementary

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



117.4380, -24.3729, 24.1719



95.5620, 24.3729, -24.1719

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.



118.3400, 24.4824, -12.5762



117.4380, -24.3729, 24.1719



93.9800, 30.0829, -82.4205

Square

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



117.4380, -24.3729, 24.1719



106.0240, -0.0118, -42.9940



109.5810, 28.8006, -44.3595



121.1860, 4.8383, 34.9169

Rectangle

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



117.4380, -24.3729, 24.1719



112.8250, -18.1547, -10.3705



109.5810, 28.8006, -44.3595



120.7940, 19.3286, 7.1967

Sweetspot

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



117.4380, -24.3729, 24.1719



177.9490, -9.3419, 9.6917



94.6710, 2.6272, 44.1385



87.8390, -5.8366, 5.4032



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



117.4380, -24.3729, 24.1719



145.8560, -38.3830, 37.8373



134.4280, -32.7490, 4.0096



68.4410, -2.1894, 2.2442



86.7380, -42.7618, 42.3258



4.7400, -2.3368, 2.8590

Inverse Universe

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



95.5620, 24.3729, -24.1719



111.1440, 38.3830, -37.8373



78.5720, 32.7490, -4.0096



66.5590, 2.1894, -2.2442



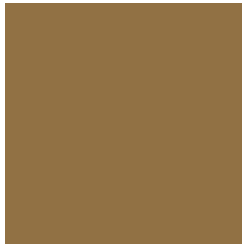
48.2620, 42.7618, -42.3258



2.6730, 2.6262, -2.3442

Previews

White Background



This preview shows how the YUV color 117.4380, -24.3729, 24.1719 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 117.4380, -24.3729, 24.1719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

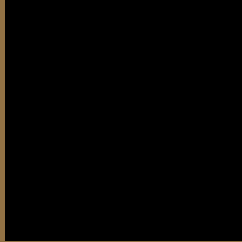
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.4380, -24.3729, 24.1719

Background



This preview shows how black text looks on a background with the YUV color 117.4380, -24.3729, 24.1719.



This preview shows how white text looks on a background with the YUV color 117.4380, -24.3729, 24.1719.

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

117.4380, -24.3729, 24.1719

Protanopia

116.7030, -23.0246, 11.6615

Deuteranopia

117.4380, -24.3729, 24.1719



Tritanopia

120.5840, -2.2599, 24.9208

Trichromacy



Original Color

117.4380, -24.3729, 24.1719

Protanomaly

116.9100, -23.6196, 15.8649

Deuteranomaly

117.4380, -24.3729, 24.1719

Tritanomaly

119.5210, -10.1169, 24.9761

Monochromacy



Original Color

117.4380, -24.3729, 24.1719

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3510, -9.0470, 8.4622

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4380, -24.3729, 24.1719 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(145, 113, 68)` looks like.

```
.text, #text, p{  
    color:rgb(145, 113, 68)  
}
```

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(145, 113, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 113, 68) }
```

Border

The CSS property to change the border of an element to YUV 117.4380, -24.3729, 24.1719 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(145, 113, 68) }
```


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

```
.border{ border-color:rgb(145, 113, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 113, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 113, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 113, 68);  
box-shadow:4px 4px 4px 4px rgb(145, 113,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 117.4380, -24.3729, 24.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 113, 68) }
```

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

```
.background{ background-color: rgb(145,  
113, 68) }
```

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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