

Converting Colors

YUV(157.3870, 33.3332,
-4.7244)

Have a look what the booklet for
YUV(157.3870, 33.3332, -4.7244)
contains.

YUV(157.3870, 33.3332, -4.7244)	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(157.3870, 33.3332,
-4.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	9893E1
RGB	152, 147, 225
RGB Percent	60%, 58%, 88%
CMY	0.4039, 0.4235, 0.1176
CMYK	0.32, 0.35, 0.00, 0.12
HSL	244°, 57%, 73%
HSV	244°, 35%, 88%
XYZ	36.9732, 32.9791, 75.6511
YIQ	157.3870, -22.0580, 25.3180

Conversions

Conversions Part 2

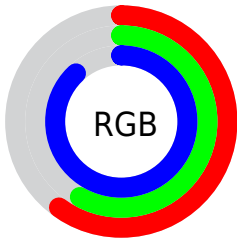
Format	Color
RYB	152, 147, 225
Decimal	9999329
CIELab	64.14, 19.55, -38.96
CIElCh	64, 43.588, 296.643
Yxy	32.9791, 0.2539, 0.2265
Android (android.graphics.Color)	4288189409 (0xFF9893E1)
YUV	157.3870, 33.3332, -4.7244
Hunter-Lab	57.4274, 14.4248, -37.9055

Details

The YUV color $157.3870, 33.3332, -4.7244$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $214.6130, -33.3332, 4.7244$, and the grayscale version is $157.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $209.2490, 22.5552, -1.0954$, and $104.9200, 31.5914, -6.0688$ is the 20% darker color. If you saturate the color by 10%, you get $137.6070, 43.0847, -5.7943$, and if you desaturate by 10%, it is $177.1670, 23.5817, -3.6545$.

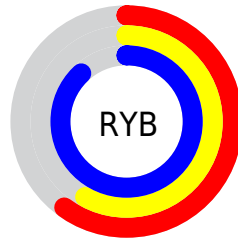
Distribution



Red (60%)

Green (58%)

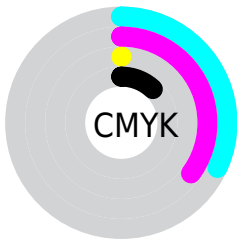
Blue (88%)



Red (60%)

Yellow (58%)

Blue (88%)

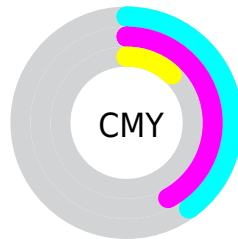


Cyan (32%)

Magenta (35%)

Yellow (0%)

Black (12%)



Cyan (40%)

Magenta (42%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.3870, 33.3332, -4.7244 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 157.3870, 33.3332, -4.7244 by changing the saturation by 10% instead.

■ 157.3870, 33.3332,
-4.7244

■ 157.3870, 33.3332,
-4.7244

255.0000, 0.0000,
0.0000

■ 130.8600, 32.6070,
-5.1392

■ 209.2490, 22.5552,
-1.0954

■ 104.9200, 31.5914,
-6.0688

■ 234.3560, 10.1775,
2.3188

■ 80.6810, 30.7233,
-7.6132

■ 56.1430, 30.0025,
-9.7724

■ 31.6970, 29.7294,
-15.5203

■ 11.8610, 27.6765,
-10.4021

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 157.3870, 33.3332,
-4.7244

■ 157.3870, 33.3332,
-4.7244

■ 137.6070, 43.0847,
-5.7943

■ 177.1670, 23.5817,
-3.6545

■ 118.4140, 52.5469,
-7.3791

■ 196.3600, 14.1195,
-2.0697

■ 98.6340, 62.2984,
-8.4490

■ 215.5530, 4.6574,
-0.4850

■ 79.4410, 71.7606,
-10.0338

■ 235.3330, -5.0942,
0.5850

■ 60.2480, 81.2227,
-11.6185

■ 251.5800,
-13.1039, 2.9993

■ 40.4680, 90.9743,
-12.6884

■ 29.8360, 96.2159,
-13.8882

Harmonies

Analogous

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



144.9890, 43.3894, -56.9954



157.3870, 33.3332, -4.7244



159.9700, 19.2418, 35.1063

Triad

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



157.3870, 33.3332, -4.7244



155.0670, -31.5850, 50.8072



121.9180, 13.8444, -100.7831

Complementary

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



157.3870, 33.3332, -4.7244



214.6130, -33.3332, 4.7244

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.



142.0340, -15.2998, -39.4948



157.3870, 33.3332, -4.7244



152.6050, -37.7663, 26.6564

Square

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



157.3870, 33.3332, -4.7244



156.1560, -16.3459, 63.0072



148.9000, -31.9957, -4.2973



124.2710, 31.9114, -108.9857

Rectangle

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



157.3870, 33.3332, -4.7244



159.3930, 7.6943, 52.2753



148.9000, -31.9957, -4.2973



133.4890, 1.2379, -70.5889

Sweetspot

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



157.3870, 33.3332, -4.7244



233.1490, 10.7725, -1.8847



199.3300, 12.6553, -45.8934



114.1230, 6.8414, -0.9849



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



157.3870, 33.3332, -4.7244



162.2910, 45.7055, -6.3942



168.7490, 27.7317, 18.6371



102.5530, 4.6574, -0.4850



23.3530, 75.2550, -10.8336



6.3690, 20.5241, -2.9546

Inverse Universe

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



178.6440, 20.3885, 40.6542



191.3930, 27.9073, 55.7833



203.2510, -27.7317, -18.6371



105.4290, 2.7465, 5.7628



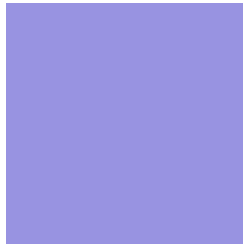
71.4340, 46.1280, 91.7044



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 157.3870, 33.3332, -4.7244 looks on a white background.

Color Contrast Check

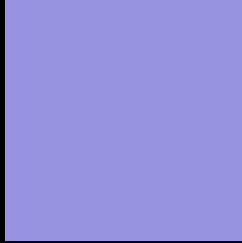
Large Text (above 18pt) WCAG AA × Fail

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 157.3870, 33.3332, -4.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

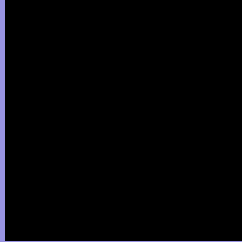
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.3870, 33.3332, -4.7244

Background



This preview shows how black text looks on a background with the YUV color 157.3870, 33.3332, -4.7244.



This preview shows how white text looks on a background with the YUV color 157.3870, 33.3332, -4.7244.

-4.7244.

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

157.3870, 33.3332, -4.7244

Protanopia

154.6020, 37.1712, -22.4530

Deuteranopia

154.5050, 34.2610, -22.3679



Tritanopia

154.1000, 8.3317, -12.3657

Trichromacy



Original Color

157.3870, 33.3332, -4.7244

Protanomaly

155.5920, 35.6971, -16.3052

Deuteranomaly

155.1360, 33.9500, -15.9053

Tritanomaly

155.2280, 17.6356, -9.8470

Monochromacy



Original Color

157.3870, 33.3332, -4.7244

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.9040, 12.3723, -1.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.3870, 33.3332, -4.7244 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(152, 147, 225)` looks like.

```
.text, #text, p{  
    color:rgb(152, 147, 225)  
}
```

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(152, 147, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 147, 225) }
```

Border

The CSS property to change the border of an element to YUV 157.3870, 33.3332, -4.7244 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(152, 147, 225) }
```


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

```
.border{ border-color:rgb(152, 147, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 147, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 147, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 147, 225);  
box-shadow:4px 4px 4px 4px rgb(152, 147,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 157.3870, 33.3332, -4.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 147, 225) }
```

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

```
.background{ background-color: rgb(152,  
147, 225) }
```

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