

Converting Colors

YUV(151.5030, -26.3770,
13.5909)

Have a look what the booklet for
YUV(151.5030, -26.3770, 13.5909)
contains.

YUV(151.5030, -26.3770, 13.5909)	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(151.5030, -26.3770,
13.5909)**

Conversions

Conversions Part 1

Format	Color
Hex	A79A62
RGB	167, 154, 98
RGB Percent	65%, 60%, 38%
CMY	0.3451, 0.3961, 0.6157
CMYK	0.00, 0.08, 0.41, 0.35
HSL	49°, 28%, 52%
HSV	49°, 41%, 65%
XYZ	29.6966, 32.2085, 16.2070
YIQ	151.5030, 25.7240, -14.6600

Conversions

Conversions Part 2

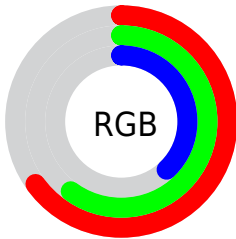
Format	Color
RYB	114, 167, 98
Decimal	10984034
CIELab	63.51, -3.46, 31.10
CIELCh	64, 31.293, 96.340
Yxy	32.2085, 0.3802, 0.4123
Android (android.graphics.Color)	4289174114 (0xFFA79A62)
YUV	151.5030, -26.3770, 13.5909
Hunter-Lab	56.7526, -5.9144, 22.7952

Details

The YUV color **151.5030, -26.3770, 13.5909** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **113.4970, 26.3770, -13.5909**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7590, -27.9822, 15.1204**, and **100.2470, -24.7718, 12.0614** is the 20% darker color. If you saturate the color by 10%, you get **147.8040, -32.9344, 16.8349**, and if you desaturate by 10%, it is **155.2020, -19.8196, 10.3468**.

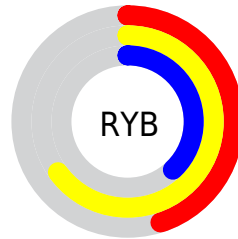
Distribution



Red (65%)

Green (60%)

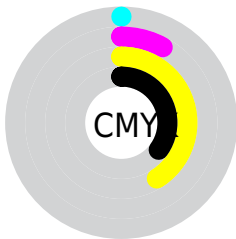
Blue (38%)



Red (45%)

Yellow (65%)

Blue (38%)

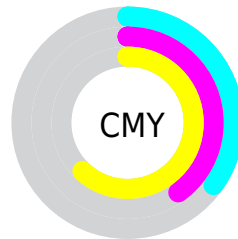


Cyan (0%)

Magenta (8%)

Yellow (41%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5030, -26.3770, 13.5909 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 151.5030, -26.3770, 13.5909 by changing the saturation by 10% instead.

■ 151.5030,
-26.3770, 13.5909

■ 151.5030,
-26.3770, 13.5909

255.0000, 0.0000,
0.0000

■ 125.4320,
-25.3560, 12.7761

■ 205.7590,
-27.9822, 15.1204

■ 100.2470,
-24.7718, 12.0614

■ 233.9440,
-28.5664, 15.8351

■ 75.7630, -24.0402,
10.7318

■ 249.1860,
-22.2767, 5.0989

■ 52.0510, -24.1821,
9.6023

■ 252.3780,
-10.0464, 2.2995

■ 32.5050, -16.0250,
6.5731

■ 11.5070, -5.6730,
-0.4446

■ 0.0000, 0.0000,

0.0000

■ 151.5030,
-26.3770, 13.5909

■ 151.5030,
-26.3770, 13.5909

■ 147.8040,
-32.9344, 16.8349

■ 155.2020,
-19.8196, 10.3468

■ 144.2190,
-39.0550, 19.9789

■ 158.7870,
-13.6990, 7.2028

■ 140.5200,
-45.6124, 23.2230

■ 162.4860, -7.1416,
3.9588

■ 136.2340,
-51.8804, 26.9818

■ 166.7720, -0.8736,
0.2000

■ 132.5350,
-58.4378, 30.2258

■ 170.3570, 5.2470,
-2.9441

■ 129.7650,
-63.9741, 32.6551

■ 174.0560, 11.8044,
-6.1881

■ 177.7550, 18.3618,
-9.4321

■ 181.4540, 24.9192,
-12.6762

■ 185.0390, 31.0398,
-15.8202

Harmonies

Analogous

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



153.3790, -24.8368, 32.9936



151.5030, -26.3770, 13.5909



148.3690, -19.9019, -9.9706

Triad

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



151.5030, -26.3770, 13.5909



136.2650, 24.5194, -71.2694



158.0160, 9.3591, 31.5580

Complementary

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



151.5030, -26.3770, 13.5909



113.4970, 26.3770, -13.5909

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.



156.5490, 20.9283, 7.4115



151.5030, -26.3770, 13.5909



143.1560, 29.9961, -54.5108

Square

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



151.5030, -26.3770, 13.5909



138.5580, 10.0779, -59.2484



151.5990, 28.2987, -23.3273



157.2490, -4.0668, 44.5086

Rectangle

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



151.5030, -26.3770, 13.5909



145.7350, -11.7014, -26.9546



151.5990, 28.2987, -23.3273



157.7100, 13.4540, 24.8103

Sweetspot

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



151.5030, -26.3770, 13.5909



211.1010, -9.9098, 5.1734



120.2270, -4.0559, 41.0199



106.4150, -6.1206, 3.1440



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



151.5030, -26.3770, 13.5909



192.2470, -41.5338, 21.7084



152.8550, -27.0435, -6.0118



82.5010, -3.2050, 1.3146



114.6920, -56.5432, 29.2111



15.9590, -7.8678, 3.5440

Inverse Universe

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



113.4970, 26.3770, -13.5909



132.7530, 41.5338, -21.7084



112.1450, 27.0435, 6.0118



77.4990, 3.2050, -1.3146



33.3080, 56.5432, -29.2111



4.6280, 7.5784, -4.0588

Previews

White Background



This preview shows how the YUV color 151.5030, -26.3770, 13.5909 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 151.5030, -26.3770, 13.5909 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

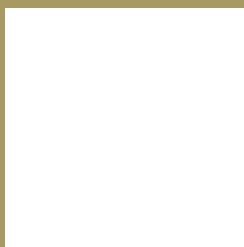
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.5030, -26.3770, 13.5909

Background



This preview shows how black text looks on a background with the YUV color 151.5030, -26.3770, 13.5909.



This preview shows how white text looks on a background with the YUV color 151.5030, -26.3770, 13.5909.

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

151.5030, -26.3770, 13.5909

Protanopia

151.8020, -26.5244, 14.2056

Deuteranopia

153.0040, -26.1310, 28.0605



Tritanopia

156.0280, 0.9722, 14.8844

Trichromacy



Original Color

151.5030, -26.3770, 13.5909

Protanomaly

151.8020, -26.5244, 14.2056

Deuteranomaly

152.5580, -26.4041, 22.3126

Tritanomaly

154.6830, -9.2107, 14.3100

Monochromacy



Original Color

151.5030, -26.3770, 13.5909

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8020, -9.7624, 4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5030, -26.3770, 13.5909 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(167, 154, 98)` looks like.

```
.text, #text, p{  
    color:rgb(167, 154, 98)  
}
```

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(167, 154, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 154, 98) }
```

Border

The CSS property to change the border of an element to YUV 151.5030, -26.3770, 13.5909 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(167, 154, 98) }
```


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

```
.border{ border-color:rgb(167, 154, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 154, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 154, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 154, 98);  
box-shadow:4px 4px 4px 4px rgb(167, 154,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 151.5030, -26.3770, 13.5909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 154, 98) }
```

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

```
.background{ background-color: rgb(167,  
154, 98) }
```

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