

Converting Colors

YUV(151.8220, -36.8872,
24.7121)

Have a look what the booklet for
YUV(151.8220, -36.8872, 24.7121)
contains.

YUV(151.8220, -36.8872, 24.7121)	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(151.8220, -36.8872,
24.7121)**

Conversions

Conversions Part 1

Format	Color
Hex	B4984D
RGB	180, 152, 77
RGB Percent	71%, 60%, 30%
CMY	0.2941, 0.4039, 0.6980
CMYK	0.00, 0.16, 0.57, 0.29
HSL	44°, 41%, 50%
HSV	44°, 57%, 71%
XYZ	31.3902, 32.6956, 11.6776
YIQ	151.8220, 40.7630, -17.3890

Conversions

Conversions Part 2

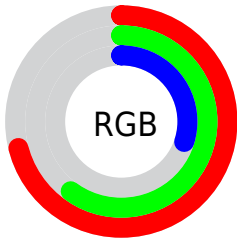
Format	Color
RYB	115, 180, 77
Decimal	11835469
CIELab	63.91, 1.16, 42.76
CIElCh	64, 42.775, 88.451
Yxy	32.6956, 0.4143, 0.4315
Android (android.graphics.Color)	4290025549 (0xFFB4984D)
YUV	151.8220, -36.8872, 24.7121
Hunter-Lab	57.1801, -2.0738, 27.9175

Details

The YUV color **151.8220, -36.8872, 24.7121** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **105.1780, 36.8872, -24.7121**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6760, -38.7873, 27.4711**, and **99.4410, -35.7134, 21.5382** is the 20% darker color. If you saturate the color by 10%, you get **146.8350, -43.3027, 29.0857**, and if you desaturate by 10%, it is **156.8090, -30.4718, 20.3385**.

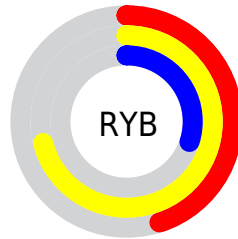
Distribution



Red (71%)

Green (60%)

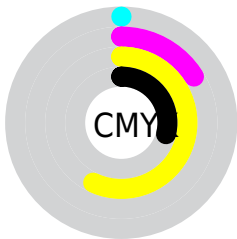
Blue (30%)



Red (45%)

Yellow (71%)

Blue (30%)

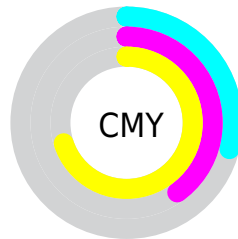


Cyan (0%)

Magenta (16%)

Yellow (57%)

Black (29%)



Cyan (29%)

Magenta (40%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8220, -36.8872, 24.7121 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 151.8220, -36.8872, 24.7121 by changing the saturation by 10% instead.

■ 151.8220,
-36.8872, 24.7121

■ 151.8220,
-36.8872, 24.7121

■ 255.0000, 0.0000,
0.0000

■ 125.3380,
-36.1556, 23.3826

■ 206.6760,
-38.7873, 27.4711

■ 99.4410, -35.7134,
21.5382

■ 231.2730,
-37.6026, 20.8086

■ 75.0880, -37.0184,
20.0938

■ 246.6780,
-31.8863, 7.2984

■ 53.8130, -26.5298,
15.9500

■ 249.8700,
-19.6559, 4.4990

■ 34.0110, -16.7674,
11.3914

■ 253.1760, -6.9888,
1.5996

■ 13.9100, -6.8576,
6.2179

■ 0.0000, 0.0000,

0.0000

■ 151.8220,
-36.8872, 24.7121

■ 151.8220,
-36.8872, 24.7121

■ 146.8350,
-43.3027, 29.0857

■ 156.8090,
-30.4718, 20.3385

■ 141.8480,
-49.7181, 33.4593

■ 161.7960,
-24.0564, 15.9649

■ 136.8610,
-56.1335, 37.8329

■ 166.7830,
-17.6410, 11.5913

■ 131.8740,
-62.5489, 42.2065

■ 171.7700,
-11.2256, 7.2177

■ 130.7170,
-64.4435, 43.2212

■ 176.1700, -4.5208,
3.3589

■ 181.1570, 1.8946,
-1.0147

■ 186.1440, 8.3100,
-5.3883

■ 191.1310, 14.7254,
-9.7619

■ 196.1180, 21.1408,
-14.1355

Harmonies

Analogous

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



154.1700, -31.1428, 48.9629



151.8220, -36.8872, 24.7121



147.6440, -30.3905, -5.8268

Triad

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



151.8220, -36.8872, 24.7121



123.7980, 32.6376, -108.5708



159.5140, 17.4946, 35.5062

Complementary

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



151.8220, -36.8872, 24.7121



105.1780, 36.8872, -24.7121

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.



157.3550, 31.8700, -2.0653



151.8220, -36.8872, 24.7121



124.1690, 46.7517, -108.8962

Square

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



151.8220, -36.8872, 24.7121



120.3630, 15.5970, -102.9274



145.6800, 42.0628, -51.4624



157.7760, 0.1104, 58.0784

Rectangle

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



151.8220, -36.8872, 24.7121



144.1340, -20.2791, -29.0585



145.6800, 42.0628, -51.4624



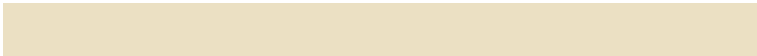
159.5280, 22.9107, 24.9699

Sweetspot

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



151.8220, -36.8872, 24.7121



223.9830, -14.2886, 9.6619



111.1030, -2.5158, 60.4227



110.8560, -8.3100, 5.3883



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



151.8220, -36.8872, 24.7121



190.7040, -58.0281, 38.8476



161.6800, -41.7472, -3.2274



86.8000, -3.3524, 1.9294



110.9040, -54.6757, 36.9182



18.9270, -9.3310, 6.2030

Inverse Universe

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



105.1780, 36.8872, -24.7121



117.2960, 58.0281, -38.8476



95.3200, 41.7472, 3.2274



82.7870, 3.0630, -2.4442



42.0960, 54.6757, -36.9182



7.0730, 9.3310, -6.2030

Previews

White Background



This preview shows how the YUV color 151.8220, -36.8872, 24.7121 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 151.8220, -36.8872, 24.7121 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 151.8220, -36.8872, 24.7121 Background



This preview shows how black text looks on a background with the YUV color 151.8220, -36.8872, 24.7121.



This preview shows how white text looks on a background with the YUV color 151.8220, -36.8872, 24.7121.

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

151.8220, -36.8872, 24.7121

Protanopia

151.0060, -35.9920, 17.5347

Deuteranopia

152.8770, -36.9144, 33.4339



Tritanopia

157.4100, -1.6811, 25.9504

Trichromacy



Original Color

151.8220, -36.8872, 24.7121

Protanomaly

151.3160, -36.1448, 19.8939

Deuteranomaly

152.2680, -36.6141, 30.4600

Tritanomaly

155.0820, -14.3374, 25.3611

Monochromacy



Original Color

151.8220, -36.8872, 24.7121

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.9120, -13.2676, 8.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8220, -36.8872, 24.7121 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(180, 152, 77)` looks like.

```
.text, #text, p{  
    color:rgb(180, 152, 77)  
}
```

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(180, 152, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 152, 77) }
```

Border

The CSS property to change the border of an element to YUV 151.8220, -36.8872, 24.7121 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(180, 152, 77) }
```


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

```
.border{ border-color:rgb(180, 152, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 152, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 152, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 152, 77);  
box-shadow:4px 4px 4px 4px rgb(180, 152,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 151.8220, -36.8872, 24.7121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 152, 77) }
```

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

```
.background{ background-color: rgb(180,  
152, 77) }
```

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