

Converting Colors

YUV(168.4750, -23.8982,
11.8614)

Have a look what the booklet for
YUV(168.4750, -23.8982, 11.8614)
contains.

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Color

**YUV(168.4750, -23.8982,
11.8614)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AB78
RGB	182, 171, 120
RGB Percent	71%, 67%, 47%
CMY	0.2863, 0.3294, 0.5294
CMYK	0.00, 0.06, 0.34, 0.29
HSL	49°, 30%, 59%
HSV	49°, 34%, 71%
XYZ	37.2445, 40.4270, 23.6095
YIQ	168.4750, 22.9270, -13.5290

Conversions

Conversions Part 2

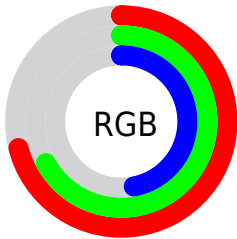
Format	Color
RYB	133, 182, 120
Decimal	11971448
CIELab	69.77, -3.82, 27.73
CIELCh	70, 27.992, 97.853
Yxy	40.4270, 0.3677, 0.3992
Android (android.graphics.Color)	4290161528 (0xFFB6AB78)
YUV	168.4750, -23.8982, 11.8614
Hunter-Lab	63.5822, -6.7091, 22.4918

Details

The YUV color **168.4750, -23.8982, 11.8614** is a light color, and the websafe version is hex **999966**. A complement of this color would be **133.5250, 23.8982, -11.8614**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8450, -25.0666, 13.2909**, and **116.2190, -22.2930, 10.3319** is the 20% darker color. If you saturate the color by 10%, you get **164.6620, -30.8924, 15.2054**, and if you desaturate by 10%, it is **172.2880, -16.9040, 8.5174**.

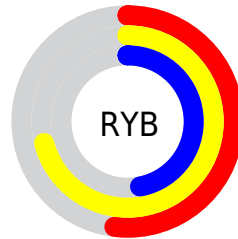
Distribution



Red (71%)

Green (67%)

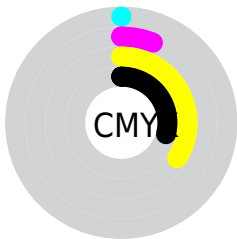
Blue (47%)



Red (52%)

Yellow (71%)

Blue (47%)

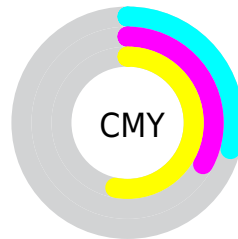


Cyan (0%)

Magenta (6%)

Yellow (34%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.4750, -23.8982, 11.8614 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 168.4750, -23.8982, 11.8614 by changing the saturation by 10% instead.

■ 168.4750,
-23.8982, 11.8614

■ 168.4750,
-23.8982, 11.8614

255.0000, 0.0000,
0.0000

■ 142.2900,
-23.3140, 11.1467

■ 223.8450,
-25.0666, 13.2909

■ 116.2190,
-22.2930, 10.3319

■ 248.7300,
-24.0239, 5.4988

■ 91.1480, -21.2720,
9.5172

■ 251.9220,
-11.7935, 2.6994

■ 67.5500, -20.9771,
8.2877

■ 45.0230, -21.7033,
7.8728

■ 25.7050, -12.6726,
4.6437

■ 0.0000, 0.0000,

0.0000

■ 168.4750,
-23.8982, 11.8614

■ 168.4750,
-23.8982, 11.8614

■ 164.6620,
-30.8924, 15.2054

■ 172.2880,
-16.9040, 8.5174

■ 160.8490,
-37.8866, 18.5494

■ 176.1010, -9.9098,
5.1734

■ 156.3350,
-45.0282, 22.5082

■ 180.6150, -2.7682,
1.2146

■ 152.5220,
-52.0223, 25.8522

■ 184.4280, 4.2260,
-2.1294

■ 148.7090,
-59.0165, 29.1962

■ 188.2410, 11.2202,
-5.4734

■ 144.8960,
-66.0107, 32.5402

■ 192.0540, 18.2144,
-8.8174

■ 142.4680,
-70.2367, 34.6696

■ 196.4540, 24.9192,
-12.6762

■ 199.1270, 27.5454,
-15.0204

■ 200.8880, 26.6772,
-16.5648

Harmonies

Analogous

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



170.5250, -22.9368, 30.2346



168.4750, -23.8982, 11.8614



165.3520, -17.4285, -9.9557

Triad

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



168.4750, -23.8982, 11.8614



158.1420, 21.1290, -57.1295



174.5490, 7.6173, 30.2135

Complementary

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



168.4750, -23.8982, 11.8614



133.5250, 23.8982, -11.8614

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.



173.8650, 18.3076, 8.0114



168.4750, -23.8982, 11.8614



163.0110, 26.6166, -43.8596

Square

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



168.4750, -23.8982, 11.8614



158.5590, 8.5984, -51.3562



169.7090, 24.7935, -19.0388



174.1130, -4.4927, 41.1199

Rectangle

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



168.4750, -23.8982, 11.8614



163.2020, -9.9596, -25.6102



169.7090, 24.7935, -19.0388



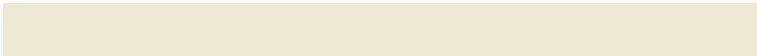
174.2430, 11.7122, 23.4659

Sweetspot

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



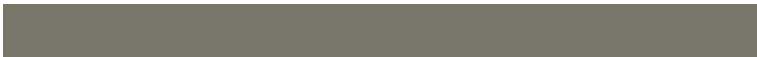
168.4750, -23.8982, 11.8614



231.9160, -9.3256, 4.4587



139.7920, -4.3345, 37.0164



116.5290, -5.6838, 3.0441



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



168.4750, -23.8982, 11.8614



215.9630, -37.4498, 18.4494



168.9520, -24.1333, -6.0969



89.8000, -3.3524, 1.9294



121.7800, -60.0375, 30.0109



21.8730, -10.7834, 5.3734

Inverse Universe

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



133.5250, 23.8982, -11.8614



161.0370, 37.4498, -18.4494



133.0480, 24.1333, 6.0969



84.6130, 3.6418, -1.4146



34.2200, 60.0375, -30.0109



6.1270, 10.7834, -5.3734

Previews

White Background



This preview shows how the YUV color 168.4750, -23.8982, 11.8614 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 168.4750, -23.8982, 11.8614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

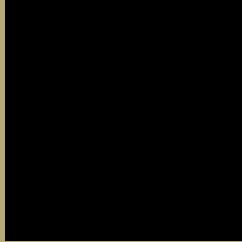
Any Text WCAG AA ✓ Pass

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 168.4750, -23.8982, 11.8614 Background



This preview shows how black text looks on a background with the YUV color 168.4750, -23.8982, 11.8614.



This preview shows how white text looks on a background with the YUV color 168.4750, -23.8982, 11.8614.

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

168.4750, -23.8982, 11.8614

Protanopia

168.4860, -23.9036, 13.6058

Deuteranopia

170.2860, -23.8050, 28.6902



Tritanopia

172.9570, 1.9932, 14.0697

Trichromacy



Original Color

168.4750, -23.8982, 11.8614

Protanomaly

168.1870, -23.7562, 12.9910

Deuteranomaly

169.5410, -23.9307, 22.3275

Tritanomaly

171.4270, -7.6055, 12.7805

Monochromacy



Original Color

168.4750, -23.8982, 11.8614

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1440, -8.4520, 4.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4750, -23.8982, 11.8614 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(182, 171, 120)` looks like.

```
.text, #text, p{  
    color:rgb(182, 171, 120)  
}
```

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(182, 171, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 171, 120) }
```

Border

The CSS property to change the border of an element to YUV 168.4750, -23.8982, 11.8614 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

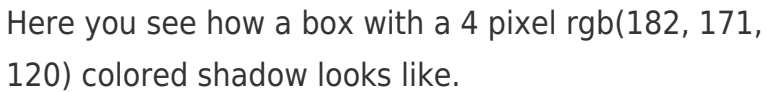
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 171, 120) }
```


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

```
.border{ border-color:rgb(182, 171, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 171, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 171, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 171, 120); box-shadow:4px 4px 4px 4px rgb(182, 171, 120) }
```

Background

The CSS property to change the background color of an element to YUV 168.4750, -23.8982, 11.8614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 171, 120) }
```

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

```
.background{ background-color: rgb(182,  
171, 120) }
```

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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