

Converting Colors

YUV(168.2560, -18.3672,
11.1765)

Have a look what the booklet for
YUV(168.2560, -18.3672, 11.1765)
contains.

YUV(168.2560, -18.3672, 11.1765)	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(168.2560, -18.3672,
11.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A983
RGB	181, 169, 131
RGB Percent	71%, 66%, 51%
CMY	0.2902, 0.3373, 0.4863
CMYK	0.00, 0.07, 0.28, 0.29
HSL	46°, 25%, 61%
HSV	46°, 28%, 71%
XYZ	37.3408, 39.8384, 27.1942
YIQ	168.2560, 19.3500, -9.2740

Conversions

Conversions Part 2

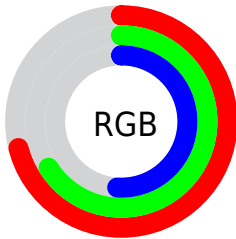
Format	Color
RYB	147, 181, 131
Decimal	11905411
CIELab	69.35, -1.71, 21.21
CIElCh	69, 21.280, 94.599
Yxy	39.8384, 0.3578, 0.3817
Android (android.graphics.Color)	4290095491 (0xFFB5A983)
YUV	168.2560, -18.3672, 11.1765
Hunter-Lab	63.1177, -4.8543, 18.6373

Details

The YUV color **168.2560, -18.3672, 11.1765** is a light color, and the websafe version is hex **999966**. A complement of this color would be **143.7440, 18.3672, -11.1765**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3270, -19.3882, 11.9912**, and **115.8860, -17.1988, 9.7470** is the 20% darker color. If you saturate the color by 10%, you get **163.8560, -25.0720, 15.0353**, and if you desaturate by 10%, it is **172.6560, -11.6624, 7.3177**.

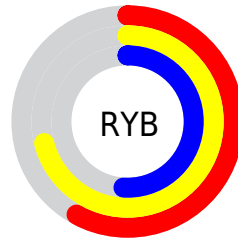
Distribution



Red (71%)

Green (66%)

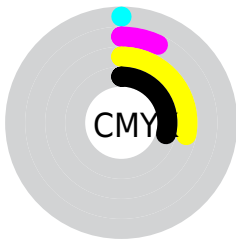
Blue (51%)



Red (58%)

Yellow (71%)

Blue (51%)

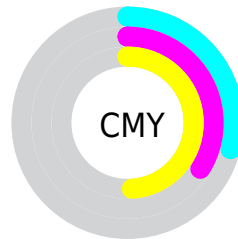


Cyan (0%)

Magenta (7%)

Yellow (28%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2560, -18.3672, 11.1765 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 168.2560, -18.3672, 11.1765 by changing the saturation by 10% instead.

■ 168.2560,
-18.3672, 11.1765

■ 168.2560,
-18.3672, 11.1765

255.0000, 0.0000,
0.0000

■ 142.0710,
-17.7830, 10.4617

■ 223.3270,
-19.3882, 11.9912

■ 115.8860,
-17.1988, 9.7470

■ 248.9240,
-18.2035, 5.3287

■ 91.1140, -16.3252,
9.5470

■ 253.2900, -6.5520,
1.4997

■ 67.6300, -15.5936,
8.2175

■ 45.4450, -15.0094,
7.5027

■ 24.8300, -12.2412,
6.2881

■ 0.0000, 0.0000,

0.0000

■ 168.2560,
-18.3672, 11.1765

■ 168.2560,
-18.3672, 11.1765

■ 163.8560,
-25.0720, 15.0353

■ 172.6560,
-11.6624, 7.3177

■ 158.8690,
-31.4874, 19.4089

■ 177.6430, -5.2470,
2.9441

■ 154.4690,
-38.1922, 23.2677

■ 182.0430, 1.4578,
-0.9147

■ 150.0690,
-44.8970, 27.1265

■ 186.4430, 8.1626,
-4.7735

■ 144.9680,
-51.7492, 31.6001

■ 191.4300, 14.5780,
-9.1471

■ 140.5680,
-58.4540, 35.4589

■ 195.9440, 21.7196,
-13.1059

■ 136.1680,
-65.1588, 39.3177

■ 200.0020, 27.1140,
-16.6648

■ 135.1250,
-66.6166, 40.2324

■ 202.9370, 25.6671,
-19.2387

■ 205.2850, 24.5095,
-21.2979

Harmonies

Analogous

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



170.2730, -17.3896, 24.3166



168.2560, -18.3672, 11.1765



166.1830, -14.3872, -5.4225

Triad

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



168.2560, -18.3672, 11.1765



161.4170, 14.0914, -39.8307



172.8530, 6.4815, 21.1769

Complementary

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



168.2560, -18.3672, 11.1765



143.7440, 18.3672, -11.1765

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.



171.2190, 14.6820, 4.1929



168.2560, -18.3672, 11.1765



164.5410, 19.4533, -32.9235

Square

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



168.2560, -18.3672, 11.1765



161.4470, 5.2026, -35.4720



168.5370, 18.9623, -15.3799



172.8020, -2.8604, 30.8686

Rectangle

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



168.2560, -18.3672, 11.1765



164.5990, -8.6763, -17.1883



168.5370, 18.9623, -15.3799



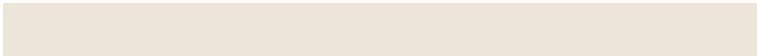
172.3300, 9.6973, 16.3736

Sweetspot

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



168.2560, -18.3672, 11.1765



229.8990, -6.8522, 4.4736



147.4320, -1.6920, 29.4391



113.9850, -3.9366, 2.6442



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.



168.2560, -18.3672, 11.1765



214.9550, -28.5718, 17.5795



171.7120, -20.0710, -2.3784



86.8000, -3.3524, 1.9294



113.8390, -56.1226, 34.3442



18.9270, -9.3310, 6.2030

Inverse Universe

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



143.7440, 18.3672, -11.1765



177.0450, 28.5718, -17.5795



140.5870, 19.9236, 2.9932



82.2000, 3.3524, -1.9294



39.1610, 56.1226, -34.3442



6.4860, 9.6204, -5.6882

Previews

White Background



This preview shows how the YUV color 168.2560, -18.3672, 11.1765 looks on a white background.

Color Contrast Check

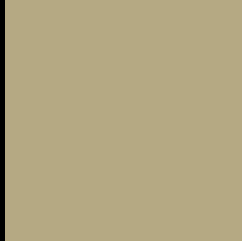
Large Text (above 18pt) WCAG AA × Fail

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 168.2560, -18.3672, 11.1765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

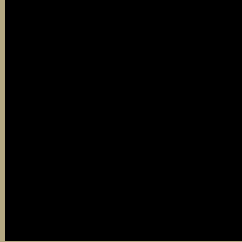
Any Text WCAG AA ✓ Pass

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 168.2560, -18.3672, 11.1765 Background



This preview shows how black text looks on a background with the YUV color 168.2560, -18.3672, 11.1765.



This preview shows how white text looks on a background with the YUV color 168.2560, -18.3672, 11.1765.

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

168.2560, -18.3672, 11.1765

Protanopia

168.2560, -18.3672, 11.1765

Deuteranopia

169.9310, -18.7000, 24.6165



Tritanopia

171.3590, 2.2880, 12.8402

Trichromacy



Original Color

168.2560, -18.3672, 11.1765

Protanomaly

168.2560, -18.3672, 11.1765

Deuteranomaly

169.3110, -18.3943, 19.8983

Tritanomaly

170.1110, -4.9847, 12.1807

Monochromacy



Original Color

168.2560, -18.3672, 11.1765

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2560, -18.3672, 11.1765 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(181, 169, 131)` looks like.

```
.text, #text, p{  
    color:rgb(181, 169, 131)  
}
```

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(181, 169, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 169, 131) }
```

Border

The CSS property to change the border of an element to YUV 168.2560, -18.3672, 11.1765 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(181, 169, 131) }
```


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

```
.border{ border-color:rgb(181, 169, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 169, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 169, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 169, 131);  
box-shadow:4px 4px 4px 4px rgb(181, 169,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 168.2560, -18.3672, 11.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 169, 131) }
```

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

```
.background{ background-color: rgb(181,  
169, 131) }
```

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