

Converting Colors

YUV(168.3070, -25.7874,
11.1318)

Have a look what the booklet for
YUV(168.3070, -25.7874, 11.1318)
contains.

YUV(168.3070, -25.7874, 11.1318)	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(168.3070, -25.7874,
11.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AC74
RGB	181, 172, 116
RGB Percent	71%, 67%, 45%
CMY	0.2902, 0.3255, 0.5451
CMYK	0.00, 0.05, 0.36, 0.29
HSL	52°, 31%, 58%
HSV	52°, 36%, 71%
XYZ	36.9610, 40.5898, 22.4096
YIQ	168.3070, 23.3400, -15.5080

Conversions

Conversions Part 2

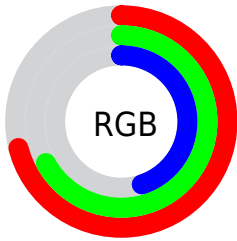
Format	Color
R_{YB}	126, 181, 116
Decimal	11906164
CIE Lab	69.89, -5.25, 30.00
CIE LCh	70, 30.455, 99.928
Yxy	40.5898, 0.3698, 0.4061
Android (android.graphics.Color)	4290096244 (0xFFB5AC74)
YUV	168.3070, -25.7874, 11.1318
Hunter-Lab	63.7101, -7.9371, 23.7422

Details

The YUV color **168.3070, -25.7874, 11.1318** is a light color, and the websafe version is hex **999966**. A complement of this color would be **128.6930, 25.7874, -11.1318**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6770, -26.9558, 12.5613**, and **116.0510, -24.1821, 9.6023** is the 20% darker color. If you saturate the color by 10%, you get **164.4940, -32.7815, 14.4758**, and if you desaturate by 10%, it is **172.1200, -18.7932, 7.7878**.

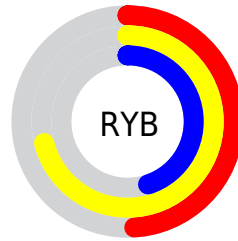
Distribution



Red (71%)

Green (67%)

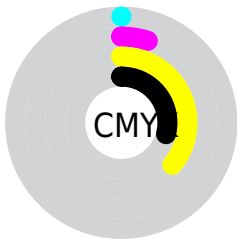
Blue (45%)



Red (49%)

Yellow (71%)

Blue (45%)

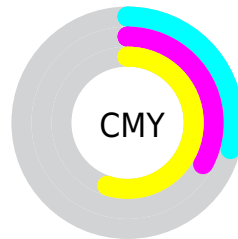


Cyan (0%)

Magenta (5%)

Yellow (36%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3070, -25.7874, 11.1318 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 168.3070, -25.7874, 11.1318 by changing the saturation by 10% instead.

■ 168.3070,
-25.7874, 11.1318

■ 168.3070,
-25.7874, 11.1318

255.0000, 0.0000,
0.0000

■ 142.1220,
-25.2031, 10.4170

■ 223.6770,
-26.9558, 12.5613

■ 116.0510,
-24.1821, 9.6023

■ 248.2740,
-25.7711, 5.8987

■ 90.9800, -23.1611,
8.7875

■ 251.4660,
-13.5407, 3.0993

■ 67.3820, -22.8663,
7.5580

254.7720, -0.8736,
0.2000

■ 44.6100, -21.9927,
7.3580

■ 25.6940, -12.6671,
2.8994

■ 0.0000, 0.0000,

0.0000

■ 168.3070,
-25.7874, 11.1318

■ 168.3070,
-25.7874, 11.1318

■ 164.4940,
-32.7815, 14.4758

■ 172.1200,
-18.7932, 7.7878

■ 161.2680,
-40.0651, 17.3050

■ 175.3460,
-11.5096, 4.9586

■ 157.4550,
-47.0593, 20.6490

■ 179.1590, -4.5154,
1.6146

■ 154.2290,
-54.3429, 23.4782

■ 182.3850, 2.7682,
-1.2146

■ 150.3020,
-61.7739, 26.9221

■ 186.3120, 10.1992,
-4.6586

■ 147.0760,
-69.0575, 29.7513

■ 189.5380, 17.4828,
-7.4878

■ 145.6910,
-71.8257, 30.9660

■ 193.3510, 24.4770,
-10.8318

■ 195.8930, 29.1398,
-13.0612

■ 197.6540, 28.2716,
-14.6056

Harmonies

Analogous

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



170.8410, -25.5576, 30.8344



168.3070, -25.7874, 11.1318



165.1020, -18.2913, -13.2445

Triad

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



168.3070, -25.7874, 11.1318



155.8960, 24.2083, -64.8068



175.1580, 7.3171, 33.1874

Complementary

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



168.3070, -25.7874, 11.1318



128.6930, 25.7874, -11.1318

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.



173.8160, 19.3177, 10.6854



168.3070, -25.7874, 11.1318



162.6730, 29.2482, -47.9482

Square

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



168.3070, -25.7874, 11.1318



156.4980, 11.0935, -58.3187



169.6920, 27.2668, -19.0239



174.0920, -5.9614, 45.5233

Rectangle

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



168.3070, -25.7874, 11.1318



162.1800, -9.9487, -29.0989



169.6920, 27.2668, -19.0239



175.2650, 11.7014, 26.9546

Sweetspot

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



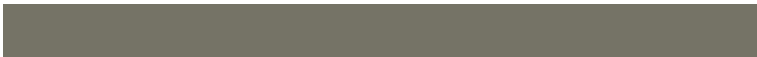
168.3070, -25.7874, 11.1318



229.6880, -10.1992, 4.6586



136.5750, -5.2135, 38.9607



114.1160, -5.9732, 2.5293



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.



168.3070, -25.7874, 11.1318



215.2680, -40.0651, 17.3050



166.7130, -25.0015, -7.6413



87.3870, -3.6418, 1.4146



123.2310, -60.7529, 26.1074



20.6880, -10.1992, 4.6586

Inverse Universe

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



128.6930, 25.7874, -11.1318



153.7320, 40.0651, -17.3050



130.2870, 25.0015, 7.6413



82.2000, 3.3524, -1.9294



29.7690, 60.7529, -26.1074



5.3120, 10.1992, -4.6586

Previews

White Background



This preview shows how the YUV color 168.3070, -25.7874, 11.1318 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 168.3070, -25.7874, 11.1318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

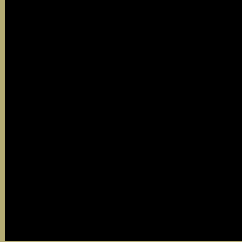
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

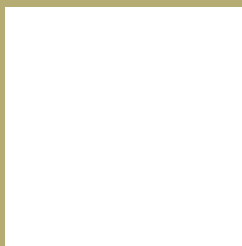
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.3070, -25.7874, 11.1318

Background



This preview shows how black text looks on a background with the YUV color 168.3070, -25.7874, 11.1318.



This preview shows how white text looks on a background with the YUV color 168.3070, -25.7874, 11.1318.

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

168.3070, -25.7874, 11.1318

Protanopia

168.8020, -26.5244, 14.2056

Deuteranopia

170.1290, -25.6996, 29.7049



Tritanopia

172.6580, 2.1406, 13.4549

Trichromacy



Original Color

168.3070, -25.7874, 11.1318

Protanomaly

168.5030, -26.3770, 13.5909

Deuteranomaly

169.3840, -25.8253, 23.3422

Tritanomaly

171.0140, -7.8949, 12.2657

Monochromacy



Original Color

168.3070, -25.7874, 11.1318

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9160, -9.3256, 4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3070, -25.7874, 11.1318 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, 172, 116)` looks like.

```
.text, #text, p{  
    color:rgb(181, 172, 116)  
}
```

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, 172, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 172, 116) }
```

Border

The CSS property to change the border of an element to YUV 168.3070, -25.7874, 11.1318 is called "border".

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

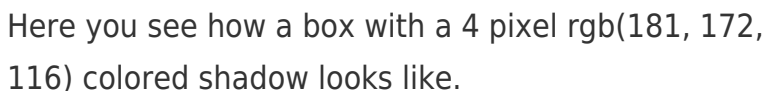
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 172, 116) }
```


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

```
.border{ border-color:rgb(181, 172, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 172, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 172, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 172, 116);  
box-shadow:4px 4px 4px 4px rgb(181, 172,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 168.3070, -25.7874, 11.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 172, 116) }
```

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

```
.background{ background-color: rgb(181,  
172, 116) }
```

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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