

Converting Colors

YUV(168.1760, -30.6528,
-15.0634)

Have a look what the booklet for
YUV(168.1760, -30.6528, -15.0634)
contains.

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Color

**YUV(168.1760, -30.6528,
-15.0634)**

Conversions

Conversions Part 1

Format	Color
Hex	97BD6A
RGB	151, 189, 106
RGB Percent	59%, 74%, 42%
CMY	0.4078, 0.2588, 0.5843
CMYK	0.20, 0.00, 0.44, 0.26
HSL	87°, 39%, 58%
HSV	87°, 44%, 74%
XYZ	33.5616, 44.0151, 20.3626
YIQ	168.1760, 3.9950, -33.8690

Conversions

Conversions Part 2

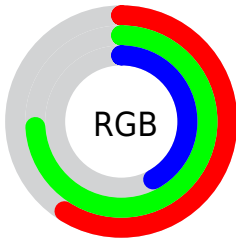
Format	Color
RYB	106, 189, 144
Decimal	9944426
CIELab	72.24, -26.93, 37.76
CIELCh	72, 46.385, 125.498
Yxy	44.0151, 0.3427, 0.4494
Android (android.graphics.Color)	4288134506 (0xFF97BD6A)
YUV	168.1760, -30.6528, -15.0634
Hunter-Lab	66.3439, -25.8034, 28.2432

Details

The YUV color **168.1760, -30.6528, -15.0634** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **126.8240, 30.6528, 15.0634**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8340, -31.9632, -14.7634**, and **114.9310, -29.0530, -14.8485** is the 20% darker color. If you saturate the color by 10%, you get **163.3190, -37.6253, -18.6968**, and if you desaturate by 10%, it is **173.0330, -23.6803, -11.4299**.

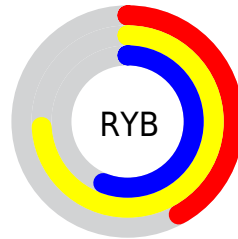
Distribution



Red (59%)

Green (74%)

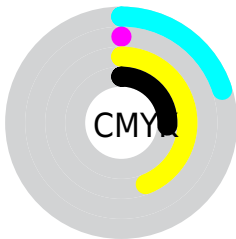
Blue (42%)



Red (42%)

Yellow (74%)

Blue (56%)

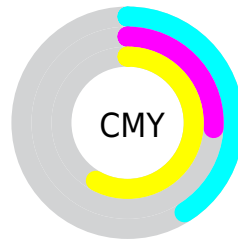


Cyan (20%)

Magenta (0%)

Yellow (44%)

Black (26%)



Cyan (41%)

Magenta (26%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1760, -30.6528, -15.0634 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 168.1760, -30.6528, -15.0634 by changing the saturation by 10% instead.

■ 168.1760,
-30.6528, -15.0634

■ 168.1760,
-30.6528, -15.0634

■ 255.0000, 0.0000,
0.0000

■ 141.4040,
-29.7792, -15.2633

■ 223.8340,
-31.9632, -14.7634

■ 114.9310,
-29.0530, -14.8485

■ 241.1540,
-27.1909, -5.3971

■ 90.0450, -28.6162,
-14.9485

■ 250.3260,
-17.9087, 4.0991

■ 64.7030, -29.9266,
-14.6485

■ 253.6320, -5.2416,
1.1997

■ 43.5700, -21.4800,
-17.1629

■ 23.4800, -11.5756,
-20.5920

■ 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 168.1760,
-30.6528, -15.0634

■ 168.1760,
-30.6528, -15.0634

■ 163.3190,
-37.6253, -18.6968

■ 173.0330,
-23.6803, -11.4299

■ 158.7610,
-44.7452, -21.7154

■ 177.5910,
-16.5604, -8.4113

■ 153.9040,
-51.7177, -25.3488

■ 182.4480, -9.5879,
-4.7779

■ 149.0470,
-58.6902, -28.9822

■ 187.3050, -2.6154,
-1.1445

■ 144.6030,
-65.3733, -32.1008

■ 191.8630, 4.5045,
1.8741

■ 141.4410,
-69.7304, -34.5898

■ 196.6060, 11.0402,
5.6075

■ 201.4630, 18.0127,
9.2409

■ 205.7930, 24.2591,
12.4595

■ 208.4840, 22.9324,
17.9925

Harmonies

Analogous

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



172.8770, -40.3654, 20.2789



168.1760, -30.6528, -15.0634



159.7160, -9.7200, -55.8789

Triad

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



168.1760, -30.6528, -15.0634



140.9590, 55.2362, -123.6210



179.0930, -3.9898, 66.5704

Complementary

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



168.1760, -30.6528, -15.0634



126.8240, 30.6528, 15.0634

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.



181.7220, 15.4201, 47.6018



168.1760, -30.6528, -15.0634



170.9200, 41.4514, -42.0258

Square

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



168.1760, -30.6528, -15.0634



141.8760, 40.9801, -124.4253



180.8340, 32.1268, 8.9156



177.6420, -23.4875, 66.9660

Rectangle

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



168.1760, -30.6528, -15.0634



147.7400, 10.4812, -95.3650



180.8340, 32.1268, 8.9156



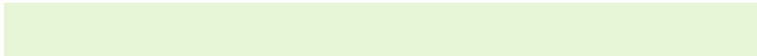
180.6780, 2.1307, 63.4264

Sweetspot

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



168.1760, -30.6528, -15.0634



236.8670, -11.7664, -6.0224



152.5360, -22.9422, 31.9789



117.1430, -6.9725, -3.6334



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



168.1760, -30.6528, -15.0634



212.2400, -47.9393, -23.8895



155.9170, -24.6091, -40.2692



91.7780, -3.3416, -1.5593



118.4600, -58.4008, -28.4674



23.2800, -11.4770, -5.5076

Inverse Universe

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



126.8240, 30.6528, 15.0634



147.4610, 48.0867, 23.2747



139.0830, 24.6091, 40.2692



87.2220, 3.3416, 1.5593



39.5400, 58.4008, 28.4674



7.7200, 11.4770, 5.5076

Previews

White Background



This preview shows how the YUV color 168.1760, -30.6528, -15.0634 looks on a white background.

Color Contrast Check

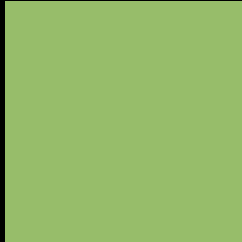
Large Text (above 18pt) WCAG AA × Fail

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 168.1760, -30.6528, -15.0634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

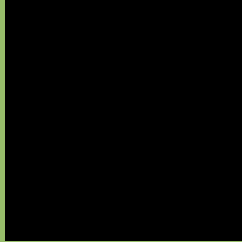
Any Text WCAG AA ✓ Pass

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 168.1760, -30.6528, -15.0634 Background



This preview shows how black text looks on a background with the YUV color 168.1760, -30.6528, -15.0634.



This preview shows how white text looks on a background with the YUV color 168.1760, -30.6528, -15.0634.

-15.0634.

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

168.1760, -30.6528, -15.0634

Protanopia

173.5330, -35.2658, 17.9496

Deuteranopia

175.5440, -31.8202, 32.8489



Tritanopia

175.8120, 8.4737, -11.2361

Trichromacy



Original Color

168.1760, -30.6528, -15.0634

Protanomaly

171.2110, -33.6280, 5.9540

Deuteranomaly

172.5480, -31.3292, 15.3054

Tritanomaly

173.3160, -6.0718, -12.5551

Monochromacy



Original Color

168.1760, -30.6528, -15.0634

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2800, -11.4770, -5.5076

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1760, -30.6528, -15.0634 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(151, 189, 106)` looks like.

```
.text, #text, p{  
    color:rgb(151, 189, 106)  
}
```

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(151, 189, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 189, 106) }
```

Border

The CSS property to change the border of an element to YUV 168.1760, -30.6528, -15.0634 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(151, 189, 106) }
```


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

```
.border{ border-color:rgb(151, 189, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 189, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 189, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 189, 106);  
box-shadow:4px 4px 4px 4px rgb(151, 189,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 168.1760, -30.6528, -15.0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 189, 106) }
```

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

```
.background{ background-color: rgb(151,  
189, 106) }
```

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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