

Converting Colors

YUV(167.1620, -49.3799,
18.2749)

Have a look what the booklet for
YUV(167.1620, -49.3799, 18.2749)
contains.

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Color

**YUV(167.1620, -49.3799,
18.2749)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB043
RGB	188, 176, 67
RGB Percent	74%, 69%, 26%
CMY	0.2627, 0.3098, 0.7373
CMYK	0.00, 0.06, 0.64, 0.26
HSL	54°, 47%, 50%
HSV	54°, 64%, 74%
XYZ	37.2775, 42.1473, 11.4807
YIQ	167.1620, 42.1410, -31.3550

Conversions

Conversions Part 2

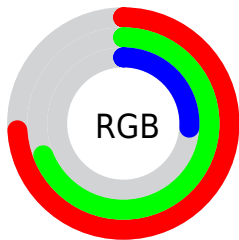
Format	Color
R_{YB}	80, 188, 67
Decimal	12365891
CIE Lab	70.97, -8.89, 55.47
CIE LCh	71, 56.174, 99.104
Yxy	42.1473, 0.4101, 0.4636
Android (android.graphics.Color)	4290555971 (0xFFBCB043)
YUV	167.1620, -49.3799, 18.2749
Hunter-Lab	64.9209, -11.1172, 34.9597

Details

The YUV color **167.1620, -49.3799, 18.2749** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **87.8380, 49.3799, -18.2749**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1300, -50.8431, 20.9340**, and **112.7120, -53.5950, 16.9156** is the 20% darker color. If you saturate the color by 10%, you get **163.8220, -57.1002, 21.2041**, and if you desaturate by 10%, it is **170.5020, -41.6595, 15.3457**.

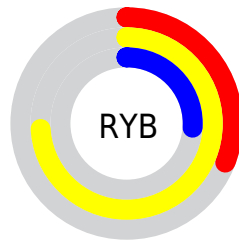
Distribution



Red (74%)

Green (69%)

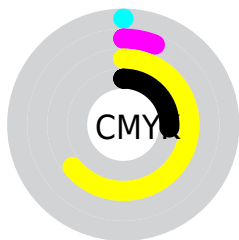
Blue (26%)



Red (31%)

Yellow (74%)

Blue (26%)

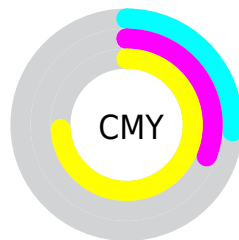


Cyan (0%)

Magenta (6%)

Yellow (64%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.1620, -49.3799, 18.2749 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 167.1620, -49.3799, 18.2749 by changing the saturation by 10% instead.

■ 167.1620,
-49.3799, 18.2749

■ 167.1620,
-49.3799, 18.2749

255.0000, 0.0000,
0.0000

■ 139.5640,
-49.0851, 17.0454

■ 223.1300,
-50.8431, 20.9340

■ 112.7120,
-53.5950, 16.9156

■ 242.6880,
-47.1742, 10.7976

■ 89.2090, -43.9800,
12.9717

■ 245.8800,
-34.9438, 7.9982

■ 67.3470, -33.2021,
9.3427

■ 249.0720,
-22.7135, 5.1989

■ 46.6590, -23.0029,
4.6841

■ 252.3780,
-10.0464, 2.2995

■ 26.8570, -13.2405,
0.1254

■ 4.1090, -2.0257,

-3.6036

■ 0.0000, 0.0000,
0.0000

■ 167.1620,
-49.3799, 18.2749

■ 167.1620,
-49.3799, 18.2749

■ 163.8220,
-57.1002, 21.2041

■ 170.5020,
-41.6595, 15.3457

■ 160.4820,
-64.8206, 24.1333

■ 173.8420,
-33.9391, 12.4166

■ 157.2560,
-72.1042, 26.9625

■ 177.0680,
-26.6555, 9.5874

■ 155.4150,
-76.6196, 28.5770

■ 179.8210,
-18.6458, 7.1730

■ 183.1610,
-10.9254, 4.2438

■ 186.5010, -3.2050,
1.3146

■ 189.8410, 4.5154,
-1.6146

■ 193.0670, 11.7990,
-4.4438

■ 196.4070, 19.5193,
-7.3729

Harmonies

Analogous

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



170.8920, -46.2888, 53.5917



167.1620, -49.3799, 18.2749



161.0840, -34.5514, -24.6297

Triad

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



167.1620, -49.3799, 18.2749



142.6570, 46.5111, -125.1102



177.4510, 16.5397, 61.8715

Complementary

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



167.1620, -49.3799, 18.2749



87.8380, 49.3799, -18.2749

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.



178.4420, 36.7571, 17.1524



167.1620, -49.3799, 18.2749



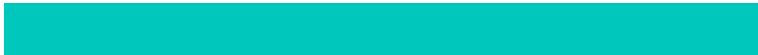
140.0130, 56.6886, -122.7914

Square

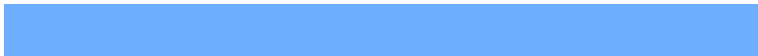
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



167.1620, -49.3799, 18.2749



138.2450, 24.5292, -121.2409



164.0980, 44.8147, -47.4439



170.2080, -5.0325, 74.3626

Rectangle

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



167.1620, -49.3799, 18.2749



153.4460, -16.9819, -60.0271



164.0980, 44.8147, -47.4439



178.9100, 23.7084, 49.1909

Sweetspot

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



167.1620, -49.3799, 18.2749



236.7070, -19.0826, 7.2730



104.5470, -12.5947, 73.1883



117.6340, -11.6516, 3.8290



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.



167.1620, -49.3799, 18.2749



212.3010, -77.0564, 28.6770



159.8540, -45.7770, -17.4120



92.3870, -3.6418, 1.4146



130.5960, -64.3838, 24.0333



25.7050, -12.6726, 4.6437

Inverse Universe

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



87.8380, 49.3799, -18.2749



88.6990, 77.0564, -28.6770



95.1460, 45.7770, 17.4120



86.6130, 3.6418, -1.4146



27.4040, 64.3838, -24.0333



5.2950, 12.6726, -4.6437

Previews

White Background



This preview shows how the YUV color 167.1620, -49.3799, 18.2749 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 167.1620, -49.3799, 18.2749 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 167.1620, -49.3799, 18.2749

Background



This preview shows how black text looks on a background with the YUV color 167.1620, -49.3799, 18.2749.



This preview shows how white text looks on a background with the YUV color 167.1620, -49.3799, 18.2749.

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

167.1620, -49.3799, 18.2749

Protanopia

167.6680, -50.1223, 23.0932

Deuteranopia

169.4190, -49.0136, 40.8515



Tritanopia

176.3490, 0.8139, 18.9879

Trichromacy



Original Color

167.1620, -49.3799, 18.2749

Protanomaly

167.6570, -50.1169, 21.3488

Deuteranomaly

168.6630, -49.1339, 32.7445

Tritanomaly

172.9410, -17.2259, 18.4687

Monochromacy



Original Color

167.1620, -49.3799, 18.2749

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0490, -17.7722, 6.9730

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.1620, -49.3799, 18.2749 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(188, 176, 67)` looks like.

```
.text, #text, p{  
    color:rgb(188, 176, 67)  
}
```

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(188, 176, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 176, 67) }
```

Border

The CSS property to change the border of an element to YUV 167.1620, -49.3799, 18.2749 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(188, 176, 67) }
```


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

```
.border{ border-color:rgb(188, 176, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 176, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 176, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 176, 67);  
box-shadow:4px 4px 4px 4px rgb(188, 176,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 167.1620, -49.3799, 18.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 176, 67) }
```

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

```
.background{ background-color: rgb(188,  
176, 67) }
```

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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