

Converting Colors

YUV(149.0080, -18.7379,
36.8270)

Have a look what the booklet for
YUV(149.0080, -18.7379, 36.8270)
contains.

YUV(149.0080, -18.7379, 36.8270)	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(149.0080, -18.7379,
36.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	BF876F
RGB	191, 135, 111
RGB Percent	75%, 53%, 44%
CMY	0.2510, 0.4706, 0.5647
CMYK	0.00, 0.29, 0.42, 0.25
HSL	18°, 38%, 59%
HSV	18°, 42%, 75%
XYZ	33.0191, 29.5520, 19.0027
YIQ	149.0080, 41.0800, 4.4080

Conversions

Conversions Part 2

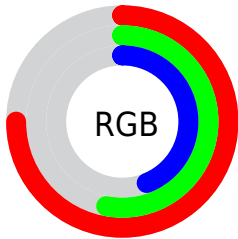
Format	Color
R_{YB}	191, 145, 111
Decimal	12552047
CIE Lab	61.27, 18.45, 21.45
CIE LCh	61, 28.291, 49.303
Yxy	29.5520, 0.4048, 0.3623
Android (android.graphics.Color)	4290742127 (0xFFBF876F)
YUV	149.0080, -18.7379, 36.8270
Hunter-Lab	54.3618, 13.2870, 17.3278

Details

The YUV color **149.0080, -18.7379, 36.8270** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **152.9920, 18.7379, -36.8270**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3890, -19.9118, 40.0008**, and **97.4420, -16.9799, 32.9384** is the 20% darker color. If you saturate the color by 10%, you get **139.2110, -23.2750, 45.4190**, and if you desaturate by 10%, it is **158.8050, -14.2009, 28.2350**.

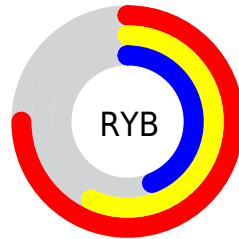
Distribution



Red (75%)

Green (53%)

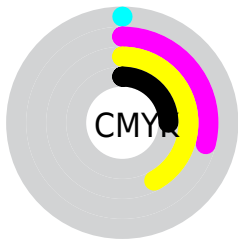
Blue (44%)



Red (75%)

Yellow (57%)

Blue (44%)

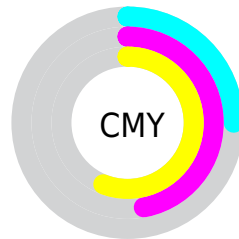


Cyan (0%)

Magenta (29%)

Yellow (42%)

Black (25%)



Cyan (25%)

Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.0080, -18.7379, 36.8270 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 149.0080, -18.7379, 36.8270 by changing the saturation by 10% instead.


 149.0080,
-18.7379, 36.8270

 149.0080,
-18.7379, 36.8270


255.0000, 0.0000,
0.0000

 123.1110,
-18.2957, 34.9827


 203.3890,
-19.9118, 40.0008


 97.4420, -16.9799,
32.9384


 224.6970,
-17.1056, 26.5757


 73.0720, -15.8115,
31.5089

 244.9120,
-13.2676, 8.8472

 49.6910, -14.6377,
28.3350

 253.9740, -3.9312,
0.8998

 27.9080, -13.7586,
26.3907

 10.4650, -5.1592,
21.5172

 0.0000, 0.0000,

0.0000

■ 149.0080,
-18.7379, 36.8270

■ 149.0080,
-18.7379, 36.8270

■ 139.2110,
-23.2750, 45.4190

■ 158.8050,
-14.2009, 28.2350

■ 128.8270,
-27.5227, 54.5257

■ 169.1890, -9.9532,
19.1282

■ 119.0300,
-32.0598, 63.1177

■ 178.9860, -5.4161,
10.5363

■ 109.2330,
-36.5969, 71.7097

■ 188.7830, -0.8790,
1.9443

■ 98.8490, -40.8446,
80.8164

■ 199.2810, 3.8055,
-7.2624

■ 90.5680, -44.6500,
88.0789

■ 209.0780, 8.3425,
-15.8544

■ 219.4620, 12.5902,
-24.9612

■ 228.2330, 13.1961,
-32.6533

■ 235.8640, 9.4340,
-39.3457

Harmonies

Analogous

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



150.6740, -8.7133, 41.5049



149.0080, -18.7379, 36.8270



146.9540, -23.6413, 22.8423

Triad

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



149.0080, -18.7379, 36.8270



137.4480, 0.2721, -40.7349



148.9060, 22.7243, -8.6876

Complementary

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



149.0080, -18.7379, 36.8270



152.9920, 18.7379, -36.8270

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.



142.4680, 26.8843, -36.3674



149.0080, -18.7379, 36.8270



134.1220, 14.7299, -57.9890

Square

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



149.0080, -18.7379, 36.8270



141.7360, -13.1808, -19.0625



135.3530, 24.4760, -57.3146



151.5950, 14.4967, 17.0182

Rectangle

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



149.0080, -18.7379, 36.8270



145.8770, -23.6034, 10.6319



135.3530, 24.4760, -57.3146



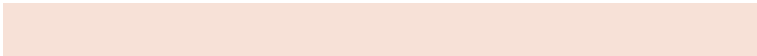
147.0080, 24.6461, -18.4240

Sweetspot

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



149.0080, -18.7379, 36.8270



230.4380, -7.6109, 14.5249



141.3040, 12.6681, 43.5834



114.5020, -4.6845, 9.2067



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



149.0080, -18.7379, 36.8270



182.4960, -28.8385, 56.5700



172.4880, -30.3136, 16.2350



89.4520, -2.1948, 3.9886



74.8310, -36.8917, 72.9392



14.5520, -7.1741, 14.4249

Inverse Universe

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



152.9920, 18.7379, -36.8270



188.5040, 28.8385, -56.5700



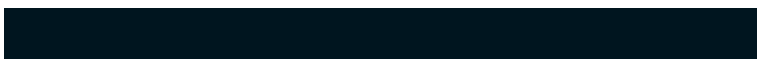
129.5120, 30.3136, -16.2350



90.1350, 1.9054, -4.5034



83.1690, 36.8917, -72.9392



15.8610, 7.4635, -13.9101

Previews

White Background



This preview shows how the YUV color 149.0080, -18.7379, 36.8270 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0080, -18.7379, 36.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

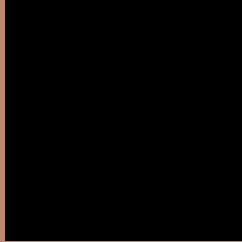
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.0080, -18.7379, 36.8270

Background



This preview shows how black text looks on a background with the YUV color 149.0080, -18.7379, 36.8270.



This preview shows how white text looks on a background with the YUV color 149.0080, -18.7379, 36.8270.

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

149.0080, -18.7379, 36.8270

Protanopia

147.4560, -15.0148, 9.2471

Deuteranopia

148.2190, -18.8420, 23.4869



Tritanopia

150.9770, -4.9187, 37.7312

Trichromacy



Original Color

149.0080, -18.7379, 36.8270

Protanomaly

147.8810, -16.2103, 19.3984

Deuteranomaly

148.2520, -18.8582, 28.7200

Tritanomaly

150.0110, -9.8654, 37.7014

Monochromacy



Original Color

149.0080, -18.7379, 36.8270

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9540, -6.8793, 13.1953

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0080, -18.7379, 36.8270 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(191, 135, 111)` looks like.

```
.text, #text, p{  
    color:rgb(191, 135, 111)  
}
```

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(191, 135, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 135, 111) }
```

Border

The CSS property to change the border of an element to YUV 149.0080, -18.7379, 36.8270 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(191, 135, 111) }
```


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

```
.border{ border-color:rgb(191, 135, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 135, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 135, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 135, 111);  
box-shadow:4px 4px 4px 4px rgb(191, 135,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 149.0080, -18.7379, 36.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 135, 111) }
```

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

```
.background{ background-color: rgb(191,  
135, 111) }
```

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