

Converting Colors

YUV(149.0520, -15.8016,
-18.4626)

Have a look what the booklet for
YUV(149.0520, -15.8016, -18.4626)
contains.

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Color

**YUV(149.0520, -15.8016,
-18.4626)**

Conversions

Conversions Part 1

Format	Color
Hex	80A675
RGB	128, 166, 117
RGB Percent	50%, 65%, 46%
CMY	0.4980, 0.3490, 0.5412
CMYK	0.23, 0.00, 0.30, 0.35
HSL	107°, 22%, 55%
HSV	107°, 30%, 65%
XYZ	25.7492, 33.1460, 21.8703
YIQ	149.0520, -6.9190, -23.2950

Conversions

Conversions Part 2

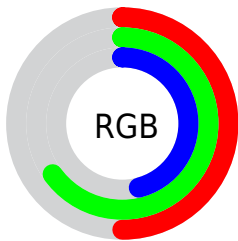
Format	Color
RYB	117, 166, 155
Decimal	8431221
CIELab	64.28, -22.50, 21.28
CIElCh	64, 30.973, 136.594
Yxy	33.1460, 0.3188, 0.4104
Android (android.graphics.Color)	4286621301 (0xFF80A675)
YUV	149.0520, -15.8016, -18.4626
Hunter-Lab	57.5725, -20.9182, 17.7781

Details

The YUV color **149.0520, -15.8016, -18.4626** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **133.9480, 15.8016, 18.4626**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4110, -16.9646, -18.7774**, and **97.9920, -14.7861, -17.5330** is the 20% darker color. If you saturate the color by 10%, you get **143.2270, -21.3109, -24.7551**, and if you desaturate by 10%, it is **154.8770, -10.2924, -12.1701**.

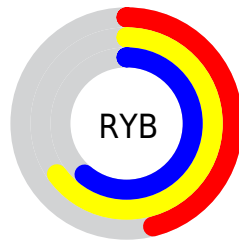
Distribution



Red (50%)

Green (65%)

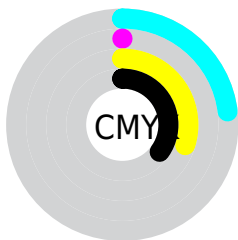
Blue (46%)



Red (46%)

Yellow (65%)

Blue (61%)

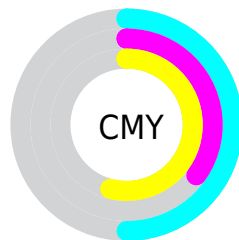


Cyan (23%)

Magenta (0%)

Yellow (30%)

Black (35%)



Cyan (50%)

Magenta (35%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0520, -15.8016, -18.4626 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 149.0520, -15.8016, -18.4626 by changing the saturation by 10% instead.

■ 149.0520,
-15.8016, -18.4626

■ 149.0520,
-15.8016, -18.4626

255.0000, 0.0000,
0.0000

■ 123.1660,
-15.3648, -18.5626

■ 203.4110,
-16.9646, -18.7774

■ 97.9920, -14.7861,
-17.5330

■ 231.6990,
-17.1066, -19.9070

■ 73.5190, -14.0599,
-17.1182

■ 246.4970,
-10.5980, -7.4519

■ 50.4480, -13.0389,
-17.9329

254.8860, -0.4368,
0.1000

■ 27.6330, -13.6231,
-17.2181

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,

0.0000

■ 149.0520,
-15.8016, -18.4626

■ 149.0520,
-15.8016, -18.4626

■ 143.2270,
-21.3109, -24.7551

■ 154.8770,
-10.2924, -12.1701

■ 137.5160,
-26.3834, -31.1475

■ 160.5880, -5.2199,
-5.7777

■ 131.6910,
-31.8927, -37.4400

■ 166.4130, 0.2894,
0.5148

■ 126.2790,
-37.1125, -43.2177

■ 171.8250, 5.5093,
6.2925

■ 120.4540,
-42.6218, -49.5102

■ 177.6500, 11.0185,
12.5849

■ 114.6290,
-48.1311, -55.8026

■ 183.4750, 16.5278,
18.8774

■ 108.9180,
-53.2036, -62.1951

■ 189.1860, 21.6003,
25.2699

■ 108.5050,
-53.4930, -62.7099

■ 195.0110, 27.1096,
31.5624

■ 199.4680, 27.3773,
39.0546

Harmonies

Analogous

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



152.5020, -24.8975, 5.6987



149.0520, -15.8016, -18.4626



144.3830, -1.1748, -43.3089

Triad

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



149.0520, -15.8016, -18.4626



148.5210, 29.8161, -43.4299



158.4080, -8.5821, 46.1232

Complementary

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



149.0520, -15.8016, -18.4626



133.9480, 15.8016, 18.4626

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.



159.4960, 4.6855, 37.2760



149.0520, -15.8016, -18.4626



156.0950, 26.0822, -12.3613

Square

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



149.0520, -15.8016, -18.4626



139.9820, 27.1239, -66.6362



159.2790, 17.1175, 16.4183



157.1010, -19.7698, 41.1304

Rectangle

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



149.0520, -15.8016, -18.4626



140.8570, 9.9305, -58.6336



159.2790, 17.1175, 16.4183



159.2490, -4.0668, 44.5086

Sweetspot

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



149.0520, -15.8016, -18.4626



210.2350, -6.5249, -7.2221



153.9570, -18.2198, 10.5617



105.6420, -3.7675, -4.9480



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



149.0520, -15.8016, -18.4626



190.6950, -24.4996, -28.6735



147.2450, -8.5018, -26.5249



81.2940, -2.6099, -2.8888



96.7430, -47.6943, -55.9026



13.2350, -6.5249, -7.2221

Inverse Universe

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



133.9480, 15.8016, 18.4626



167.3050, 24.4996, 28.6735



135.7550, 8.5018, 26.5249



78.7060, 2.6099, 2.8888



51.2570, 47.6943, 55.9026



7.0640, 6.3774, 7.8369

Previews

White Background



This preview shows how the YUV color 149.0520, -15.8016, -18.4626 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 149.0520, -15.8016, -18.4626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

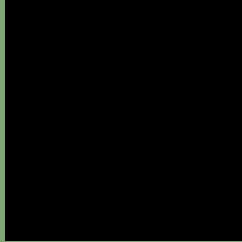
Any Text WCAG AA ✓ Pass

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 149.0520, -15.8016, -18.4626 Background



This preview shows how black text looks on a background with the YUV color 149.0520, -15.8016, -18.4626.



This preview shows how white text looks on a background with the YUV color 149.0520, -15.8016, -18.4626.

-18.4626.

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

149.0520, -15.8016, -18.4626

Protanopia

153.6860, -20.5512, 11.6764

Deuteranopia

155.6750, -17.0948, 23.0870



Tritanopia

153.9040, 8.9213, -14.8248

Trichromacy



Original Color

149.0520, -15.8016, -18.4626

Protanomaly

152.0760, -18.7715, 0.8103

Deuteranomaly

153.1030, -16.3198, 7.8027

Tritanomaly

152.4880, -0.2406, -16.2140

Monochromacy



Original Color

149.0520, -15.8016, -18.4626

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.7620, -5.7987, -6.8073

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0520, -15.8016, -18.4626 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(128, 166, 117)` looks like.

```
.text, #text, p{  
    color:rgb(128, 166, 117)  
}
```

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(128, 166, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 166, 117) }
```

Border

The CSS property to change the border of an element to YUV 149.0520, -15.8016, -18.4626 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(128, 166, 117) }
```


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

```
.border{ border-color:rgb(128, 166, 117) }
```

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

Here you see how a box with a 4 pixel rgb(128, 166, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 166, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 166, 117);  
box-shadow:4px 4px 4px 4px rgb(128, 166,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 149.0520, -15.8016, -18.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 166, 117) }
```

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

```
.background{ background-color: rgb(128,  
166, 117) }
```

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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