

Converting Colors

YUV(106.6870, -15.6217,
-29.5435)

Have a look what the booklet for
YUV(106.6870, -15.6217, -29.5435)
contains.

YUV(106.6870, -15.6217, -29.5435)	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(106.6870, -15.6217,
-29.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	49824B
RGB	73, 130, 75
RGB Percent	29%, 51%, 29%
CMY	0.7137, 0.4902, 0.7059
CMYK	0.44, 0.00, 0.42, 0.49
HSL	122°, 28%, 40%
HSV	122°, 44%, 51%
XYZ	12.0003, 17.8897, 9.4772
YIQ	106.6870, -16.3170, -29.1890

Conversions

Conversions Part 2

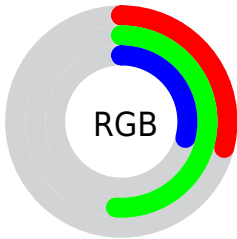
Format	Color
R_{YB}	73, 128, 130
Decimal	4817483
CIE _{Lab}	49.36, -30.90, 24.06
CIE _{LCh}	49, 39.160, 142.094
Yxy	17.8897, 0.3048, 0.4544
Android (android.graphics.Color)	4283007563 (0xFF49824B)
YUV	106.6870, -15.6217, -29.5435
Hunter-Lab	42.2963, -23.3745, 16.3224

Details

The YUV color **106.6870, -15.6217, -29.5435** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **96.3130, 15.6217, 29.5435**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0460, -16.7847, -29.8583**, and **56.2460, -13.4323, -31.7877** is the 20% darker color. If you saturate the color by 10%, you get **101.3180, -19.3838, -36.2359**, and if you desaturate by 10%, it is **112.0560, -11.8596, -22.8511**.

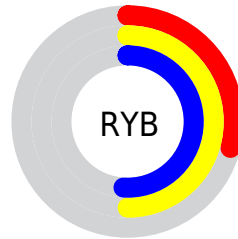
Distribution



Red (29%)

Green (51%)

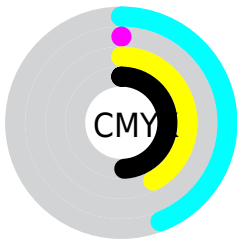
Blue (29%)



Red (29%)

Yellow (50%)

Blue (51%)

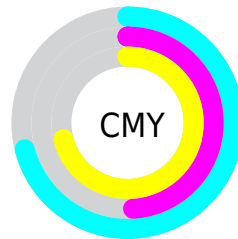


Cyan (44%)

Magenta (0%)

Yellow (42%)

Black (49%)



Cyan (71%)

Magenta (49%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6870, -15.6217, -29.5435 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 106.6870, -15.6217, -29.5435 by changing the saturation by 10% instead.

■ 106.6870,
-15.6217, -29.5435

■ 106.6870,
-15.6217, -29.5435

■ 255.0000, 0.0000,
0.0000

■ 81.9150, -14.7481,
-29.7435

■ 159.0460,
-16.7847, -29.8583

■ 56.2460, -13.4323,
-31.7877

■ 186.5190,
-17.5109, -30.2732

■ 33.5560, -13.5851,
-29.4286

■ 214.5790,
-18.5264, -31.2028

■ 21.1320, -10.4181,
-18.5328

■ 234.9480,
-14.7644, -24.5104

■ 0.0000, 0.0000,
0.0000

■ 246.8110, -6.8088,
-9.4812

■ 106.6870,
-15.6217, -29.5435

■ 106.6870,
-15.6217, -29.5435

■ 101.3180,
-19.3838, -36.2359

■ 112.0560,
-11.8596, -22.8511

■ 96.0630, -22.7091,
-43.0283

■ 117.3110, -8.5343,
-16.0587

■ 90.6940, -26.4711,
-49.7206

■ 122.6800, -4.7722,
-9.3664

■ 85.4390, -29.7964,
-56.5130

■ 127.9350, -1.4470,
-2.5740

■ 80.0700, -33.5585,
-63.2054

■ 133.3040, 2.3151,
4.1184

■ 76.8800, -35.4368,
-67.4238

■ 138.5590, 5.6404,
10.9108

■ 143.9280, 9.4025,
17.6031

■ 149.1830, 12.7278,

24.3955

■ 154.5520, 16.4899,
31.0879

Harmonies

Analogous

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



112.0300, -29.1018, 0.8507



106.6870, -15.6217, -29.5435



90.8560, 7.9590, -79.6807

Triad

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



106.6870, -15.6217, -29.5435



100.2390, 40.8012, -66.8616



117.9530, -11.8088, 54.4152

Complementary

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



106.6870, -15.6217, -29.5435



96.3130, 15.6217, 29.5435

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.



119.4480, 4.2161, 47.8421



106.6870, -15.6217, -29.5435



117.5450, 30.2973, -11.0020

Square

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



106.6870, -15.6217, -29.5435



96.1630, 35.9086, -84.3350



121.0890, 18.6901, 25.3549



116.4560, -24.8748, 45.2041

Rectangle

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



106.6870, -15.6217, -29.5435



93.4780, 18.0053, -81.9802



121.0890, 18.6901, 25.3549



118.0330, -6.4253, 54.3451

Sweetspot

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



106.6870, -15.6217, -29.5435



159.0280, -5.9298, -11.4256



122.9040, -24.6027, 4.4692



78.6310, -3.7621, -6.6924



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



106.6870, -15.6217, -29.5435



131.5850, -24.4454, -46.1170



109.8790, -3.3913, -32.3429



61.2230, -1.5889, -3.7036



75.5920, -35.2949, -66.2942



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.3130, 15.6217, 29.5435



115.4150, 24.4454, 46.1170



93.1210, 3.3913, 32.3429



59.8910, 2.0257, 3.6036



52.2940, 34.8581, 66.3942



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.6870, -15.6217, -29.5435 looks on a white 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

Black Background



This preview shows how the YUV color 106.6870, -15.6217, -29.5435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

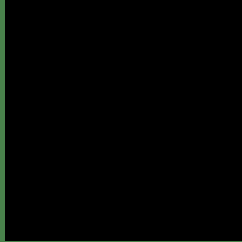
Any Text WCAG AA ✓ Pass

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 106.6870, -15.6217, -29.5435 Background



This preview shows how black text looks on a background with the YUV color 106.6870, -15.6217, -29.5435.



This preview shows how white text looks on a background with the YUV color 106.6870, -15.6217, -29.5435.

-29.5435.

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

106.6870, -15.6217, -29.5435

Protanopia

114.9310, -22.1510, 11.4615

Deuteranopia

116.6100, -18.5417, 20.5130



Tritanopia

112.7780, 9.9694, -24.3613

Trichromacy



Original Color

106.6870, -15.6217, -29.5435

Protanomaly

112.1140, -19.7762, -3.6080

Deuteranomaly

113.4290, -17.4665, 2.2548

Tritanomaly

110.9490, 0.5181, -26.2653

Monochromacy



Original Color

106.6870, -15.6217, -29.5435

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7400, -5.7878, -10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6870, -15.6217, -29.5435 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(73, 130, 75)` looks like.

```
.text, #text, p{  
    color:rgb(73, 130, 75)  
}
```

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(73, 130, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 130, 75) }
```

Border

The CSS property to change the border of an element to YUV 106.6870, -15.6217, -29.5435 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(73, 130, 75) }
```


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

```
.border{ border-color:rgb(73, 130, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 130, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 130, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 130, 75);  
box-shadow:4px 4px 4px 4px rgb(73, 130,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 106.6870, -15.6217, -29.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 130, 75) }
```

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

```
.background{ background-color: rgb(73, 130,  
75) }
```

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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