

Converting Colors

YUV(109.6910, -18.0887,
15.1800)

Have a look what the booklet for
YUV(109.6910, -18.0887, 15.1800)
contains.

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Color

**YUV(109.6910, -18.0887,
15.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6C49
RGB	127, 108, 73
RGB Percent	50%, 42%, 29%
CMY	0.5020, 0.5765, 0.7137
CMYK	0.00, 0.15, 0.43, 0.50
HSL	39°, 27%, 39%
HSV	39°, 43%, 50%
XYZ	15.3176, 15.7182, 8.5299
YIQ	109.6910, 22.5590, -6.8570

Conversions

Conversions Part 2

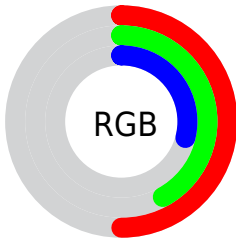
Format	Color
R_{YB}	102, 127, 73
Decimal	8350793
CIE _{Lab}	46.60, 2.26, 22.36
CIE _{LCh}	47, 22.472, 84.238
Yxy	15.7182, 0.3871, 0.3973
Android (android.graphics.Color)	4286540873 (0xFF7F6C49)
YUV	109.6910, -18.0887, 15.1800
Hunter-Lab	39.6462, -0.4162, 14.9960

Details

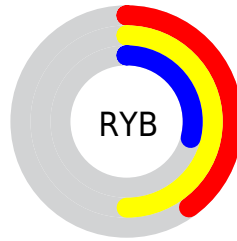
The YUV color **109.6910, -18.0887, 15.1800** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **90.3090, 18.0887, -15.1800**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3600, -19.4045, 17.2243**, and **61.7230, -16.6254, 12.5209** is the 20% darker color. If you saturate the color by 10%, you get **105.8610, -22.6095, 18.5389**, and if you desaturate by 10%, it is **113.5210, -13.5679, 11.8211**.

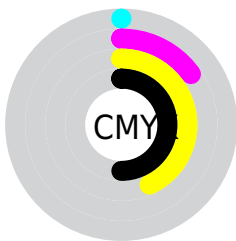
Distribution



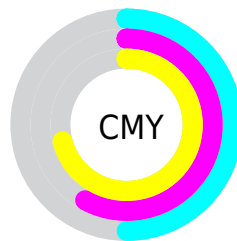
- Red (50%)
- Green (42%)
- Blue (29%)



- Red (40%)
- Yellow (50%)
- Blue (29%)



- Cyan (0%)
- Magenta (15%)
- Yellow (43%)
- Black (50%)



- Cyan (50%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6910, -18.0887, 15.1800 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 109.6910, -18.0887, 15.1800 by changing the saturation by 10% instead.

■ 109.6910,
-18.0887, 15.1800

■ 109.6910,
-18.0887, 15.1800

■ 255.0000, 0.0000,
0.0000

■ 85.2070, -17.3571,
13.8505

■ 161.3600,
-19.4045, 17.2243

■ 61.7230, -16.6254,
12.5209

■ 188.5450,
-19.9887, 17.9390

■ 39.1960, -17.3516,
12.1061

■ 216.4310,
-20.4255, 18.0390

■ 20.1230, -9.9206,
8.6621

■ 241.3270,
-19.3882, 11.9912

■ 0.0000, 0.0000,
0.0000

■ 252.1500,
-10.9200, 2.4994

■ 109.6910,
-18.0887, 15.1800

■ 109.6910,
-18.0887, 15.1800

■ 105.8610,
-22.6095, 18.5389

■ 113.5210,
-13.5679, 11.8211

■ 101.5580,
-26.4041, 22.3126

■ 117.8240, -9.7732,
8.0474

■ 97.7280, -30.9249,
25.6715

■ 121.6540, -5.2524,
4.6884

■ 93.3110, -35.1563,
29.5453

■ 126.0710, -1.0210,
0.8147

■ 89.5950, -39.2403,
32.8042

■ 129.9010, 3.4998,
-2.5442

■ 86.1070, -42.4508,
35.8632

■ 134.2040, 7.2944,
-6.3179

■ 138.0340, 11.8152,
-9.6768

■ 142.4510, 16.0467,

-13.5505

■ 146.1670, 20.1307,
-16.8095

Harmonies

Analogous

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



111.2670, -14.9216, 26.0758



109.6910, -18.0887, 15.1800



107.8740, -15.7139, 0.1105

Triad

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



109.6910, -18.0887, 15.1800



99.9280, 12.3605, -44.6639



113.0310, 9.8447, 15.7588

Complementary

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



109.6910, -18.0887, 15.1800



90.3090, 18.0887, -15.1800

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.



111.6310, 16.4509, -3.1844



109.6910, -18.0887, 15.1800



101.9700, 18.7488, -40.3157

Square

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



109.6910, -18.0887, 15.1800



102.2470, 1.8502, -33.5426



107.1230, 20.1524, -23.7869



113.4040, 0.7868, 27.7097

Rectangle

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



109.6910, -18.0887, 15.1800



105.9480, -11.3134, -11.3554



107.1230, 20.1524, -23.7869



112.6820, 12.4818, 9.9259

Sweetspot

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



109.6910, -18.0887, 15.1800



158.7960, -7.2944, 6.3179



91.4260, 0.7760, 31.1984



79.5830, -4.2314, 3.8737



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.



109.6910, -18.0887, 15.1800



138.7000, -28.4461, 23.9421



118.7510, -22.5552, 1.0954



62.0280, -2.4788, 1.7294



86.9930, -42.8875, 35.9631



0.0000, 0.0000, 0.0000

Inverse Universe

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



90.3090, 18.0887, -15.1800



108.3000, 28.4461, -23.9421



81.2490, 22.5552, -1.0954



59.5590, 2.1894, -2.2442



41.0070, 42.8875, -35.9631



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.6910, -18.0887, 15.1800 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 109.6910, -18.0887, 15.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

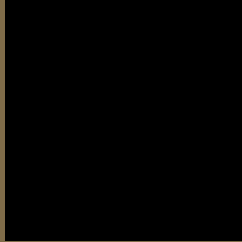
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.6910, -18.0887, 15.1800

Background



This preview shows how black text looks on a background with the YUV color 109.6910, -18.0887, 15.1800.



This preview shows how white text looks on a background with the YUV color 109.6910, -18.0887, 15.1800.

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

109.6910, -18.0887, 15.1800

Protanopia

109.4730, -17.4882, 9.2322

Deuteranopia

110.3110, -18.3943, 19.8983



Tritanopia

112.2840, -0.6330, 16.4139

Trichromacy



Original Color

109.6910, -18.0887, 15.1800

Protanomaly

109.7830, -17.6410, 11.5913

Deuteranomaly

110.3000, -18.3889, 18.1539

Tritanomaly

111.5630, -7.1796, 16.1692

Monochromacy



Original Color

109.6910, -18.0887, 15.1800

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7250, -6.2734, 5.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6910, -18.0887, 15.1800 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(127, 108, 73)` looks like.

```
.text, #text, p{  
    color:rgb(127, 108, 73)  
}
```

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(127, 108, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 108, 73) }
```

Border

The CSS property to change the border of an element to YUV 109.6910, -18.0887, 15.1800 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(127, 108, 73) }
```


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

```
.border{ border-color:rgb(127, 108, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 108, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 108, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 108, 73);  
box-shadow:4px 4px 4px 4px rgb(127, 108,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 109.6910, -18.0887, 15.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 108, 73) }
```

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

```
.background{ background-color: rgb(127,  
108, 73) }
```

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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