

Converting Colors

YUV(118.3810, -1.1738, 3.1739)

Have a look what the booklet for
YUV(118.3810, -1.1738, 3.1739)
contains.

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Color

**YUV(118.3810, -1.1738,
3.1739)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7574
RGB	122, 117, 116
RGB Percent	48%, 46%, 45%
CMY	0.5216, 0.5412, 0.5451
CMYK	0.00, 0.04, 0.05, 0.52
HSL	10°, 3%, 47%
HSV	10°, 5%, 48%
XYZ	17.5397, 18.1211, 19.0963
YIQ	118.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

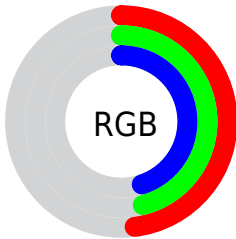
Format	Color
R_{YB}	122, 117, 116
Decimal	8025460
CIE _{Lab}	49.64, 1.72, 1.23
CIE _{LCh}	50, 2.113, 35.481
Yxy	18.1211, 0.3203, 0.3309
Android (android.graphics.Color)	4286215540 (0xFF7A7574)
YUV	118.3810, -1.1738, 3.1739
Hunter-Lab	42.5689, -0.9480, 3.2009

Details

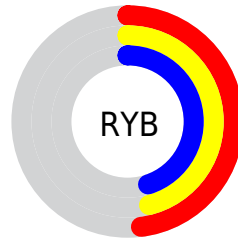
The YUV color **118.3810, -1.1738, 3.1739** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **119.6190, 1.1738, -3.1739**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3810, -1.1738, 3.1739**, and **70.0820, -1.0264, 2.5591** is the 20% darker color. If you saturate the color by 10%, you get **111.1430, -3.5215, 9.5216**, and if you desaturate by 10%, it is **125.6190, 1.1738, -3.1739**.

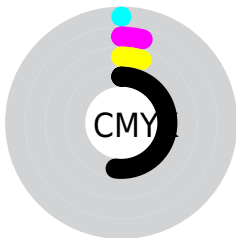
Distribution



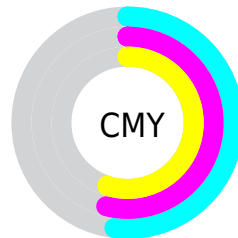
- Red (48%)
- Green (46%)
- Blue (45%)



- Red (48%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (52%)



- Cyan (52%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3810, -1.1738, 3.1739 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 118.3810, -1.1738, 3.1739 by changing the saturation by 10% instead.

■ 118.3810, -1.1738,
3.1739

■ 118.3810, -1.1738,
3.1739

255.0000, 0.0000,
0.0000

■ 93.3810, -1.1738,
3.1739

■ 170.3810, -1.1738,
3.1739

■ 70.0820, -1.0264,
2.5591

■ 197.6800, -1.3212,
3.7886

■ 48.0820, -1.0264,
2.5591

■ 225.6800, -1.3212,
3.7886

■ 27.0820, -1.0264,
2.5591

■ 253.4840, -0.7316,
1.3295

■ 0.0000, 0.0000,
0.0000

■ 118.3810, -1.1738,

■ 118.3810, -1.1738,

3.1739

3.1739

■ 111.1430, -3.5215,
9.5216

■ 125.6190, 1.1738,
-3.1739

■ 103.9050, -5.8692,
15.8693

■ 132.8570, 3.5215,
-9.5216

■ 95.9660, -8.3642,
22.8318

■ 140.7960, 6.0166,
-16.4841

■ 88.7280, -10.7119,
29.1795

■ 148.0340, 8.3642,
-22.8318

■ 81.4900, -13.0596,
35.5273

■ 155.2720, 10.7119,
-29.1795

■ 74.2520, -15.4072,
41.8750

■ 162.5100, 13.0596,
-35.5273

■ 67.0140, -17.7549,
48.2227

■ 169.7480, 15.4072,
-41.8750

■ 59.6620, -20.5394,
54.6704

■ 177.1000, 18.1917,
-48.3227

■ 51.8370, -22.5976,
61.5330

■ 184.9250, 20.2500,
-55.1852

Harmonies

Analogous

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



118.6090, -0.3002, 2.9739



118.3810, -1.1738, 3.1739



117.9680, -1.4632, 2.6591

Triad

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



118.3810, -1.1738, 3.1739



117.4620, -0.7208, -2.1592



118.1570, 1.8946, -1.0147

Complementary

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



118.3810, -1.1738, 3.1739



119.6190, 1.1738, -3.1739

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.



118.0320, 1.4632, -2.6591



118.3810, -1.1738, 3.1739



117.3910, 0.3002, -2.9739

Square

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



118.3810, -1.1738, 3.1739



117.9460, -1.4524, -0.8296



117.6190, 1.1738, -3.1739



118.0540, 1.4524, 0.8296

Rectangle

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



118.3810, -1.1738, 3.1739



118.1420, -2.0420, 1.6295



117.6190, 1.1738, -3.1739



117.8580, 2.0420, -1.6295

Sweetspot

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



118.3810, -1.1738, 3.1739



157.2990, -0.1474, 0.6148



118.3640, 1.2995, 3.1888



78.2990, -0.1474, 0.6148



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



118.3810, -1.1738, 3.1739



152.2780, -1.6161, 5.0182



120.1420, -2.0420, 1.6295



58.7830, -0.8790, 1.9443



49.7020, -24.5031, 66.0363



100.0020, -49.3010, 133.3022

Inverse Universe

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



119.6190, 1.1738, -3.1739



154.7220, 1.6161, -5.0182



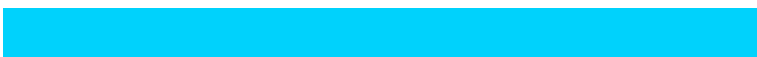
117.8580, 2.0420, -1.6295



59.2170, 0.8790, -1.9443



75.2980, 24.5031, -66.0363



151.9980, 49.3010, -133.3022

Previews

White Background



This preview shows how the YUV color 118.3810, -1.1738, 3.1739 looks on a white background.

Color Contrast Check

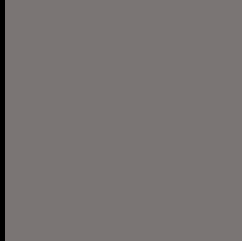
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3810, -1.1738, 3.1739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

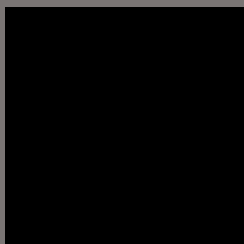
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

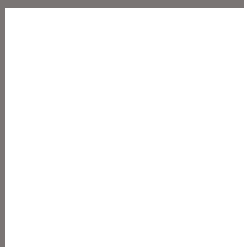
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 118.3810, -1.1738, 3.1739

Background



This preview shows how black text looks on a background with the YUV color 118.3810, -1.1738, 3.1739.



This preview shows how white text looks on a background with the YUV color 118.3810, -1.1738,

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

118.3810, -1.1738, 3.1739

Protanopia

117.7830, -0.8790, 1.9443

Deuteranopia

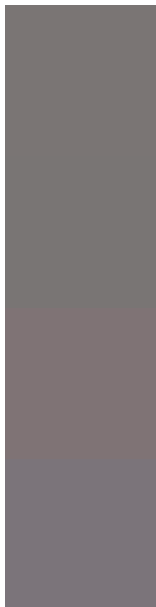
119.1260, -1.0481, 9.5365



Tritanopia

119.1190, 2.8993, 3.4036

Trichromacy



Original Color

118.3810, -1.1738, 3.1739

Protanomaly

118.0820, -1.0264, 2.5591

Deuteranomaly

118.8160, -0.8953, 7.1774

Tritanomaly

118.7770, 1.5889, 3.7036

Monochromacy



Original Color

118.3810, -1.1738, 3.1739

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1850, -0.5842, 0.7148

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3810, -1.1738, 3.1739 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(122, 117, 116)` looks like.

```
.text, #text, p{  
    color:rgb(122, 117, 116)  
}
```

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(122, 117, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 117, 116) }
```

Border

The CSS property to change the border of an element to YUV 118.3810, -1.1738, 3.1739 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(122, 117, 116) }
```


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

```
.border{ border-color:rgb(122, 117, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 117, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 117, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 117, 116);  
box-shadow:4px 4px 4px 4px rgb(122, 117,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 118.3810, -1.1738, 3.1739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 117, 116) }
```

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

```
.background{ background-color: rgb(122,  
117, 116) }
```

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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