

Converting Colors

YUV(119.7610, 8.9918,
-37.5014)

Have a look what the booklet for
YUV(119.7610, 8.9918, -37.5014)
contains.

YUV(119.7610, 8.9918, -37.5014)	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(119.7610, 8.9918,
-37.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	4D8A8A
RGB	77, 138, 138
RGB Percent	30%, 54%, 54%
CMY	0.6980, 0.4588, 0.4588
CMYK	0.44, 0.00, 0.00, 0.46
HSL	180°, 28%, 42%
HSV	180°, 44%, 54%
XYZ	16.7365, 21.5897, 27.3299
YIQ	119.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

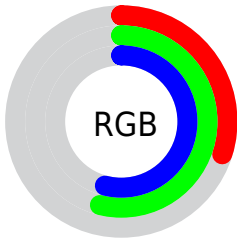
Format	Color
R_{YB}	77, 108, 138
Decimal	5081738
CIE _{Lab}	53.59, -19.70, -6.18
CIE _{LCh}	54, 20.649, 197.413
Yxy	21.5897, 0.2549, 0.3288
Android (android.graphics.Color)	4283271818 (0xFF4D8A8A)
YUV	119.7610, 8.9918, -37.5014
Hunter-Lab	46.4647, -17.0180, -2.3482

Details

The YUV color **119.7610, 8.9918, -37.5014** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **95.2390, -8.9918, 37.5014**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3480, 8.7024, -38.0162**, and **67.9670, 9.8763, -41.1901** is the 20% darker color. If you saturate the color by 10%, you get **115.5750, 11.0555, -46.1083**, and if you desaturate by 10%, it is **123.9470, 6.9281, -28.8945**.

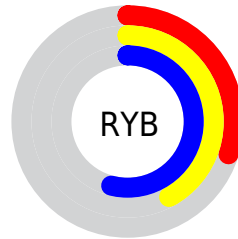
Distribution



Red (30%)

Green (54%)

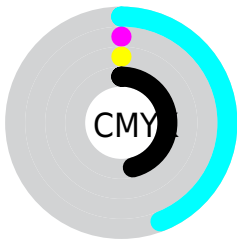
Blue (54%)



Red (30%)

Yellow (42%)

Blue (54%)

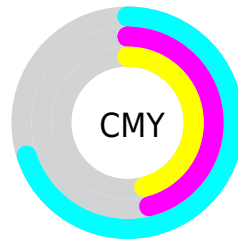


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (70%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7610, 8.9918, -37.5014 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 119.7610, 8.9918, -37.5014 by changing the saturation by 10% instead.

■ 119.7610, 8.9918,
-37.5014

■ 119.7610, 8.9918,
-37.5014

■ 255.0000, 0.0000,
0.0000

■ 93.8750, 9.4286,
-37.6014

■ 173.3480, 8.7024,
-38.0162

■ 67.9670, 9.8763,
-41.1901

■ 201.0490, 8.8498,
-38.6310

■ 44.9780, 9.8708,
-39.4457

■ 229.1630, 9.2866,
-38.7310

■ 29.5560, 6.6279,
-25.9206

■ 242.4420, 6.1911,
-25.8206

■ 15.5360, 3.6798,
-13.6251

■ 251.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 119.7610, 8.9918,
-37.5014

■ 119.7610, 8.9918,
-37.5014

■ 115.5750, 11.0555,
-46.1083

■ 123.9470, 6.9281,
-28.8945

■ 111.3890, 13.1192,
-54.7152

■ 128.1330, 4.8644,
-20.2876

■ 107.5020, 15.0355,
-62.7073

■ 132.0200, 2.9481,
-12.2955

■ 103.3160, 17.0992,
-71.3141

■ 136.2060, 0.8844,
-3.6887

■ 99.1300, 19.1629,
-79.9210

■ 140.3920, -1.1793,
4.9182

■ 96.7380, 20.3422,
-84.8392

■ 144.5780, -3.2430,
13.5251

■ 148.7640, -5.3067,
22.1320

■ 152.6510, -7.2229,

30.1241

■ 156.8370, -9.2866,
38.7310

Harmonies

Analogous

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



121.5960, -0.7868, -27.7097



119.7610, 8.9918, -37.5014



120.7100, 16.4120, -37.4567

Triad

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



119.7610, 8.9918, -37.5014



130.5250, 10.5872, 10.9406



127.7560, -16.6417, 17.7540

Complementary

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



119.7610, 8.9918, -37.5014



95.2390, -8.9918, 37.5014

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.



129.4350, -13.0325, 26.8055



119.7610, 8.9918, -37.5014



131.1370, 2.3975, 24.4359

Square

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



119.7610, 8.9918, -37.5014



128.6090, 16.4618, -6.6731



129.9930, -5.9125, 29.8241



125.8960, -15.7247, 3.5992

Rectangle

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



119.7610, 8.9918, -37.5014



123.5090, 17.9901, -30.2644



129.9930, -5.9125, 29.8241



128.3050, -15.9264, 21.6575

Sweetspot

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



119.7610, 8.9918, -37.5014



171.8240, 3.5378, -14.7546



112.8070, -17.6529, -31.4027



84.8140, 2.0637, -8.6069



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



119.7610, 8.9918, -37.5014



150.5950, 14.0037, -58.4038



102.1510, 17.6736, -22.0574



66.9070, 1.0318, -4.3034



93.2330, 19.6051, -81.7653



3.5050, 0.7370, -3.0739

Inverse Universe

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



102.1930, 17.6529, 31.4027



123.2350, 27.4921, 48.9059



113.4360, -17.9629, 21.5426



64.8910, 2.0257, 3.6036



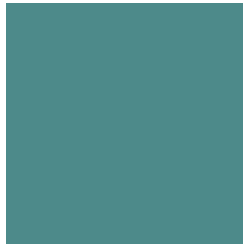
54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 119.7610, 8.9918, -37.5014 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 119.7610, 8.9918, -37.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

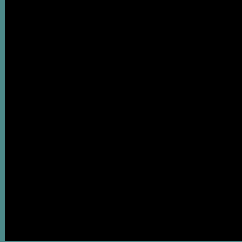
Any Text WCAG AA ✓ Pass

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 119.7610, 8.9918, -37.5014 Background



This preview shows how black text looks on a background with the YUV color 119.7610, 8.9918, -37.5014.



This preview shows how white text looks on a background with the YUV color 119.7610, 8.9918,

-37.5014.

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

119.7610, 8.9918, -37.5014

Protanopia

128.0540, 1.4524, 0.8296

Deuteranopia

128.9280, 5.9515, 4.4481



Tritanopia

121.2110, 13.2070, -36.1420

Trichromacy



Original Color

119.7610, 8.9918, -37.5014

Protanomaly

125.0630, 4.4059, -13.2103

Deuteranomaly

125.4700, 7.1633, -10.9362

Tritanomaly

120.4560, 11.6072, -36.3569

Monochromacy



Original Color

119.7610, 8.9918, -37.5014

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7610, 8.9918, -37.5014 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(77, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(77, 138, 138)  
}
```

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(77, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 138, 138) }
```

Border

The CSS property to change the border of an element to YUV 119.7610, 8.9918, -37.5014 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(77, 138, 138) }
```


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

```
.border{ border-color:rgb(77, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(77, 138,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 119.7610, 8.9918, -37.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 138, 138) }
```

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

```
.background{ background-color: rgb(77, 138,  
138) }
```

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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