

Converting Colors

YUV(118.7480, 18.3652,
-104.1420)

Have a look what the booklet for
YUV(118.7480, 18.3652, -104.1420)
contains.

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Color

**YUV(118.7480, 18.3652,
-104.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	00AC9C
RGB	0, 172, 156
RGB Percent	0%, 67%, 61%
CMY	1.0000, 0.3255, 0.3882
CMYK	1.00, 0.00, 0.09, 0.33
HSL	174°, 100%, 34%
HSV	174°, 100%, 67%
XYZ	20.7533, 31.9053, 36.5170
YIQ	118.7480, -97.3760, -41.4400

Conversions

Conversions Part 2

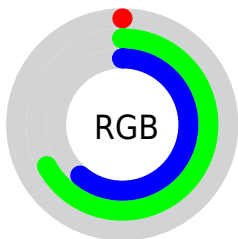
Format	Color
RYB	0, 90, 172
Decimal	44188
CIELab	63.26, -40.57, -2.29
CIELCh	63, 40.639, 183.233
Yxy	31.9053, 0.2327, 0.3578
Android (android.graphics.Color)	4278234268 (0xFF00AC9C)
YUV	118.7480, 18.3652, -104.1420
Hunter-Lab	56.4848, -33.2652, 1.2088

Details

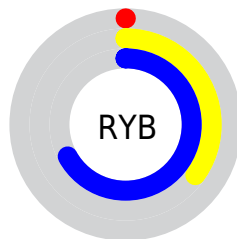
The YUV color **118.7480, 18.3652, -104.1420** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **53.2520, -18.3652, 104.1420**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1810, 11.7428, -79.9657**, and **81.8230, 11.4263, -71.7588** is the 20% darker color. If you saturate the color by 10%, you get **118.7480, 18.3652, -104.1420**, and if you desaturate by 10%, it is **124.0590, 16.7329, -93.8907**.

Distribution



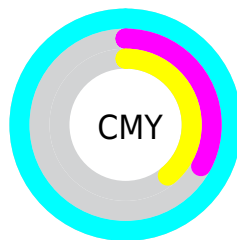
- Red (0%)
- Green (67%)
- Blue (61%)



- Red (0%)
- Yellow (35%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7480, 18.3652, -104.1420 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 118.7480, 18.3652, -104.1420 by changing the saturation by 10% instead.

■ 118.7480, 18.3652,
-104.1420

■ 118.7480, 18.3652,
-104.1420

■ 255.0000, 0.0000,
0.0000

■ 99.9350, 14.8220,
-87.6430

■ 186.1810, 11.7428,
-79.9657

■ 81.8230, 11.4263,
-71.7588

■ 214.6050, 12.0267,
-77.7066

■ 63.8250, 8.4673,
-55.9745

■ 225.6980, 14.4459,
-60.2481

■ 47.1150, 5.3663,
-41.3199

■ 234.6680, 10.0237,
-41.8048

■ 31.1060, 2.4127,
-27.2800

■ 243.6380, 5.6015,
-23.3615

■ 13.5640, 1.2009,
-11.8956

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 118.7480, 18.3652,
-104.1420

■ 124.0590, 16.7329,
-93.8907

■ 129.2560, 14.6638,
-83.5395

■ 134.8660, 12.8841,
-72.6735

■ 140.0630, 10.8149,
-62.3223

■ 145.3740, 9.1826,
-52.0710

■ 150.6850, 7.5503,
-41.8197

■ 155.8820, 5.4812,
-31.4685

■ 161.4920, 3.7014,
-20.6025

■ 166.6890, 1.6323,
-10.2513

Harmonies

Analogous

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



139.0810, -9.8999, -44.7980



118.7480, 18.3652, -104.1420



122.2650, 34.3794, -107.2264

Triad

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



118.7480, 18.3652, -104.1420



156.1880, 28.5013, 5.0971



152.7240, -31.4159, 43.2151

Complementary

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



118.7480, 18.3652, -104.1420



53.2520, -18.3652, 104.1420

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.



154.0260, -19.2398, 57.8592



118.7480, 18.3652, -104.1420



157.6130, 13.9948, 38.0504

Square

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



118.7480, 18.3652, -104.1420



148.0190, 37.9516, -39.4817



156.0810, -2.5049, 56.9340



149.6580, -34.8344, 19.5939

Rectangle

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



118.7480, 18.3652, -104.1420



122.5560, 43.1099, -107.4816



156.0810, -2.5049, 56.9340



152.6800, -27.9432, 49.3926

Sweetspot

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



118.7480, 18.3652, -104.1420



203.2830, 7.2555, -40.5902



106.0470, -52.2812, -78.0942



99.5840, 4.1491, -24.1912



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



118.7480, 18.3652, -104.1420



154.7440, 24.2832, -135.7105



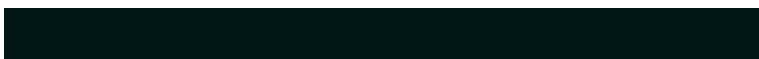
80.0690, 45.3220, -70.2205



84.1950, 0.8899, -5.4330



103.5540, 15.9959, -90.8169



15.8950, 2.5168, -13.9399

Inverse Universe

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



53.2520, -18.3652, 104.1420



69.3700, -23.8464, 135.6105



91.9310, -45.3220, 70.2205



80.8050, -0.8899, 5.4330



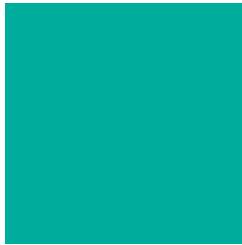
46.4460, -15.9959, 90.8169



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 118.7480, 18.3652, -104.1420 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 118.7480, 18.3652, -104.1420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

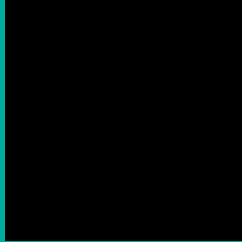
Any Text WCAG AA ✓ Pass

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 118.7480, 18.3652, -104.1420 Background



This preview shows how black text looks on a background with the YUV color 118.7480, 18.3652, -104.1420.



This preview shows how white text looks on a background with the YUV color 118.7480, 18.3652, -104.1420.

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



Protanopia

152.5830, -4.2314, 3.8737

Deuteranopia

153.9670, 3.4673, 7.9219

Tritanopia

132.2210, 24.5410, -78.2468

Trichromacy



Protanomaly

140.1050, 3.8922, -35.1721

Deuteranomaly

141.3810, 8.6862, -32.7831

Tritanomaly

126.9980, 22.6790, -87.6982

Monochromacy



Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.7780, 6.5184, -37.5163

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7480, 18.3652, -104.1420 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(0, 172, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 172, 156)  
}
```

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(0, 172, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 172, 156) }
```

Border

The CSS property to change the border of an element to YUV 118.7480, 18.3652, -104.1420 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(0, 172, 156) }
```

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

```
.border{ border-color:rgb(0, 172, 156) }
```

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

Here you see how a box with a 4 pixel rgb(0, 172, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 172, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 172, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 172,  
156) }
```


Background

The CSS property to change the background color of an element to YUV 118.7480, 18.3652, -104.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 172, 156) }
```

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

```
.background{ background-color: rgb(0, 172,  
156) }
```

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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