

Converting Colors

YUV(104.1410, 15.7065,
-91.3317)

Have a look what the booklet for
YUV(104.1410, 15.7065, -91.3317)
contains.

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Color

**YUV(104.1410, 15.7065,
-91.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	009788
RGB	0, 151, 136
RGB Percent	0%, 59%, 53%
CMY	1.0000, 0.4078, 0.4667
CMYK	1.00, 0.00, 0.10, 0.41
HSL	174°, 100%, 30%
HSV	174°, 100%, 59%
XYZ	15.5105, 23.9108, 27.0903
YIQ	104.1410, -85.1810, -36.6770

Conversions

Conversions Part 2

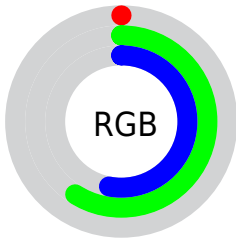
Format	Color
RYB	0, 79, 151
Decimal	38792
CIELab	56.00, -37.10, -1.66
CIELCh	56, 37.142, 182.555
Yxy	23.9108, 0.2332, 0.3595
Android (android.graphics.Color)	4278228872 (0xFF009788)
YUV	104.1410, 15.7065, -91.3317
Hunter-Lab	48.8987, -28.9529, 1.3819

Details

The YUV color **104.1410, 15.7065, -91.3317** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **46.8590, -15.7065, 91.3317**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7800, 9.9685, -70.8441**, and **67.9170, 8.9149, -59.5632** is the 20% darker color. If you saturate the color by 10%, you get **104.1410, 15.7065, -91.3317**, and if you desaturate by 10%, it is **108.7400, 13.9322, -82.2100**.

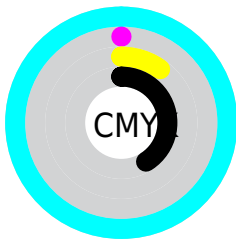
Distribution



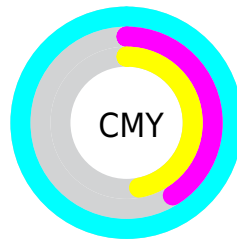
- Red (0%)
- Green (59%)
- Blue (53%)



- Red (0%)
- Yellow (31%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.1410, 15.7065, -91.3317 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 104.1410, 15.7065, -91.3317 by changing the saturation by 10% instead.

104.1410, 15.7065,
-91.3317

104.1410, 15.7065,
-91.3317

255.0000, 0.0000,
0.0000

86.0290, 12.3107,
-75.4474

168.7800, 9.9685,
-70.8441

67.9170, 8.9149,
-59.5632

197.3780, 9.6736,
-69.6145

50.6200, 6.1033,
-44.3937

221.8670, 11.4046,
-64.7814

34.6110, 3.1498,
-30.3538

231.6780, 11.4977,
-47.9526

20.0040, 0.4910,
-17.5435

240.6480, 7.0755,
-29.5093

0.0000, 0.0000,
0.0000

249.6180, 2.6533,

-11.0660

■ 104.1410, 15.7065,
-91.3317

■ 108.7400, 13.9322,
-82.2100

■ 113.4530, 12.5947,
-73.1883

■ 118.0520, 10.8204,
-64.0666

■ 122.7650, 9.4829,
-55.0449

■ 127.6630, 7.5611,
-45.3085

■ 132.3760, 6.2236,
-36.2868

■ 137.0890, 4.8861,
-27.2651

■ 141.6880, 3.1118,
-18.1434

■ 146.4010, 1.7743,
-9.1217

Harmonies

Analogous

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



121.6410, -9.1900, -39.1502



104.1410, 15.7065, -91.3317



107.2020, 29.9734, -94.0162

Triad

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



104.1410, 15.7065, -91.3317



137.0800, 25.5966, 3.4378



133.6140, -27.9107, 38.9265

Complementary

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



104.1410, 15.7065, -91.3317



46.8590, -15.7065, 91.3317

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.



135.2640, -16.8922, 51.5115



104.1410, 15.7065, -91.3317



138.0640, 13.2794, 34.1469

Square

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



104.1410, 15.7065, -91.3317



129.0040, 34.0150, -36.8375



136.5640, -1.7571, 50.3714



131.2710, -31.1926, 18.1793

Rectangle

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



104.1410, 15.7065, -91.3317



107.3790, 38.2672, -94.1714



136.5640, -1.7571, 50.3714



134.1570, -24.7274, 44.5893

Sweetspot

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



104.1410, 15.7065, -91.3317



177.6750, 6.0762, -35.6720



93.1220, -45.9091, -68.5130



88.1930, 3.8489, -21.2173



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



104.1410, 15.7065, -91.3317



135.2300, 20.5926, -118.5967



70.6310, 39.6219, -61.9434



74.4940, 0.7425, -4.8182



96.5440, 14.5218, -84.6691



8.8850, 1.0427, -7.7921

Inverse Universe

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



46.8590, -15.7065, 91.3317



60.8840, -20.1558, 118.4967



80.3690, -39.6219, 61.9434



71.5060, -0.7425, 4.8182



43.4560, -14.5218, 84.6691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 104.1410, 15.7065, -91.3317 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 104.1410, 15.7065, -91.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

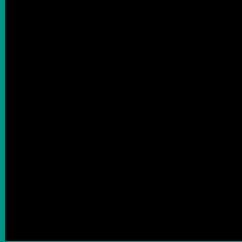
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 104.1410, 15.7065, -91.3317

Background



This preview shows how black text looks on a background with the YUV color 104.1410, 15.7065, -91.3317.



This preview shows how white text looks on a background with the YUV color 104.1410, 15.7065, -91.3317.

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

133.6970, -3.7946, 3.7737

Deuteranopia

135.1410, 2.8885, 6.8923

Tritanopia

116.4780, 21.4563, -68.8252

Trichromacy



Protanomaly

123.3120, 3.2972, -30.9686

Deuteranomaly

124.0610, 7.3649, -28.9945

Tritanomaly

111.8530, 19.2995, -77.0471

Monochromacy



Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9850, 5.9234, -33.3128

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.1410, 15.7065, -91.3317 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, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 136)  
}
```

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, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 136) }
```

Border

The CSS property to change the border of an element to YUV 104.1410, 15.7065, -91.3317 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, 151, 136) }
```

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

```
.border{ border-color:rgb(0, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
136) }
```


Background

The CSS property to change the background color of an element to YUV 104.1410, 15.7065, -91.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 136) }
```

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

```
.background{ background-color: rgb(0, 151,  
136) }
```

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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