

Converting Colors

YUV(104.1240, 18.1799,
-91.3167)

Have a look what the booklet for
YUV(104.1240, 18.1799, -91.3167)
contains.

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Color

**YUV(104.1240, 18.1799,
-91.3167)**

Conversions

Conversions Part 1

Format	Color
Hex	00968D
RGB	0, 150, 141
RGB Percent	0%, 59%, 55%
CMY	1.0000, 0.4118, 0.4471
CMYK	1.00, 0.00, 0.06, 0.41
HSL	176°, 100%, 29%
HSV	176°, 100%, 59%
XYZ	15.7141, 23.7358, 28.9525
YIQ	104.1240, -86.5110, -34.5990

Conversions

Conversions Part 2

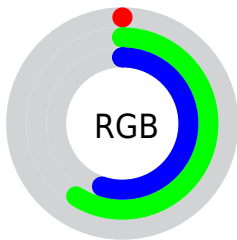
Format	Color
RYB	0, 77, 150
Decimal	38541
CIELab	55.82, -35.16, -4.78
CIELCh	56, 35.479, 187.739
Yxy	23.7358, 0.2297, 0.3470
Android (android.graphics.Color)	4278228621 (0xFF00968D)
YUV	104.1240, 18.1799, -91.3167
Hunter-Lab	48.7194, -27.6851, -1.1308

Details

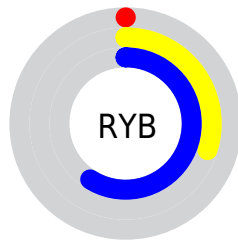
The YUV color **104.1240, 18.1799, -91.3167** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **45.8760, -18.1799, 91.3167**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1760, 12.7312, -70.3144**, and **67.9000, 11.3883, -59.5483** is the 20% darker color. If you saturate the color by 10%, you get **104.1240, 18.1799, -91.3167**, and if you desaturate by 10%, it is **108.7230, 16.4056, -82.1951**.

Distribution



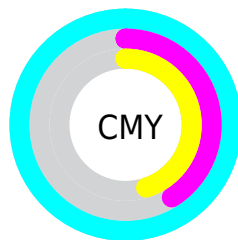
- Red (0%)
- Green (59%)
- Blue (55%)



- Red (0%)
- Yellow (30%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.1240, 18.1799, -91.3167 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 104.1240, 18.1799, -91.3167 by changing the saturation by 10% instead.

■ 104.1240, 18.1799,
-91.3167

■ 104.1240, 18.1799,
-91.3167

■ 255.0000, 0.0000,
0.0000

■ 86.0120, 14.7841,
-75.4325

■ 169.1760, 12.7312,
-70.3144

■ 67.9000, 11.3883,
-59.5483

■ 197.6600, 11.9996,
-68.9848

■ 51.1900, 8.2873,
-44.8936

■ 222.5510, 14.0254,
-65.3812

■ 34.4800, 5.1864,
-30.2390

■ 231.9770, 11.3503,
-47.3378

■ 19.8730, 2.5276,
-17.4286

■ 240.9470, 6.9281,
-28.8945

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 104.1240, 18.1799,
-91.3167

■ 108.7230, 16.4056,
-82.1951

■ 113.3220, 14.6313,
-73.0734

■ 117.9210, 12.8569,
-63.9517

■ 122.5200, 11.0826,
-54.8300

■ 127.1190, 9.3083,
-45.7084

■ 131.6040, 7.0972,
-36.4867

■ 136.2030, 5.3229,
-27.3650

■ 140.8020, 3.5486,
-18.2434

■ 145.4010, 1.7743,
-9.1217

Harmonies

Analogous

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



121.1290, -5.9796, -42.2091



104.1240, 18.1799, -91.3167



106.2560, 31.4258, -93.1865

Triad

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



104.1240, 18.1799, -91.3167



137.0160, 22.6701, 8.7560



132.9940, -27.6050, 34.2083

Complementary

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



104.1240, 18.1799, -91.3167



45.8760, -18.1799, 91.3167

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.



134.6010, -18.0443, 47.7079



104.1240, 18.1799, -91.3167



137.8640, 9.9270, 36.0763

Square

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



104.1240, 18.1799, -91.3167



130.7880, 31.6565, -27.0011



135.8690, -4.3724, 49.2269



130.9930, -29.5765, 13.1611

Rectangle

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



104.1240, 18.1799, -91.3167



106.2050, 38.8459, -93.1418



135.8690, -4.3724, 49.2269



133.4230, -24.8585, 39.9710

Sweetspot

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



104.1240, 18.1799, -91.3167



176.2020, 6.8024, -35.2572



91.0400, -44.8827, -71.0721



86.3070, 4.2856, -21.3172



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



104.1240, 18.1799, -91.3167



134.6260, 23.3554, -118.0670



66.9950, 40.9215, -58.7546



71.9070, 1.0318, -4.3034



95.7120, 16.4110, -83.9394



7.0100, 1.4741, -6.1478

Inverse Universe

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



45.8760, -18.1799, 91.3167



59.3740, -23.3554, 118.0670



83.0050, -40.9215, 58.7546



69.0930, -1.0318, 4.3034



42.1740, -16.8478, 84.0394



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 104.1240, 18.1799, -91.3167 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 104.1240, 18.1799, -91.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

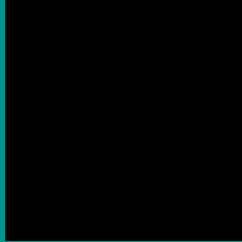
Any Text WCAG AA ✓ Pass

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 104.1240, 18.1799, -91.3167 Background



This preview shows how black text looks on a background with the YUV color 104.1240, 18.1799, -91.3167.



This preview shows how white text looks on a background with the YUV color 104.1240, 18.1799, -91.3167.

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

104.1240, 18.1799, -91.3167

Protanopia

133.0820, -1.0264, 2.5591

Deuteranopia

134.2270, 5.8041, 5.0629



Tritanopia

114.5810, 21.8986, -70.6695

Trichromacy



Original Color

104.1240, 18.1799, -91.3167

Protanomaly

122.9960, 5.9180, -31.5685

Deuteranomaly

123.4460, 10.1331, -30.2091

Tritanomaly

110.7820, 20.3205, -77.8618

Monochromacy



Original Color

104.1240, 18.1799, -91.3167

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0990, 6.3602, -33.4128

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.1240, 18.1799, -91.3167 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, 150, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 141)  
}
```

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, 150, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 141) }
```

Border

The CSS property to change the border of an element to YUV 104.1240, 18.1799, -91.3167 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, 150, 141) }
```


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

```
.border{ border-color:rgb(0, 150, 141) }
```

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

Here you see how a box with a 4 pixel rgb(0, 150, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 104.1240, 18.1799, -91.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 141) }
```

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

```
.background{ background-color: rgb(0, 150,  
141) }
```

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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