

Converting Colors

YUV(118.9080, 29.1324,
-104.2823)

Have a look what the booklet for
YUV(118.9080, 29.1324, -104.2823)
contains.

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Color

**YUV(118.9080, 29.1324,
-104.2823)**

Conversions

Conversions Part 1

Format	Color
Hex	00A8B2
RGB	0, 168, 178
RGB Percent	0%, 66%, 70%
CMY	1.0000, 0.3412, 0.3020
CMYK	1.00, 0.06, 0.00, 0.30
HSL	183°, 100%, 35%
HSV	183°, 100%, 70%
XYZ	22.0385, 31.2196, 46.9839
YIQ	118.9080, -103.3380, -32.5060

Conversions

Conversions Part 2

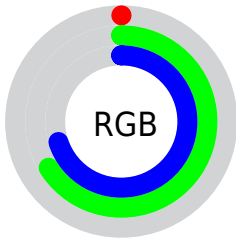
Format	Color
RYB	0, 86, 178
Decimal	43186
CIELab	62.69, -32.02, -15.46
CIELCh	63, 35.554, 205.768
Yxy	31.2196, 0.2199, 0.3114
Android (android.graphics.Color)	4278233266 (0xFF00A8B2)
YUV	118.9080, 29.1324, -104.2823
Hunter-Lab	55.8745, -27.3749, -10.7438

Details

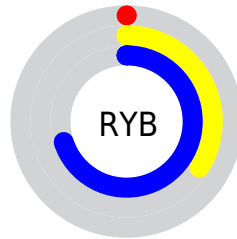
The YUV color **118.9080, 29.1324, -104.2823** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **59.0920, -29.1324, 104.2823**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1670, 23.0887, -79.0765**, and **81.7550, 21.3198, -71.6991** is the 20% darker color. If you saturate the color by 10%, you get **118.9080, 29.1324, -104.2823**, and if you desaturate by 10%, it is **124.8770, 26.1896, -93.7311**.

Distribution



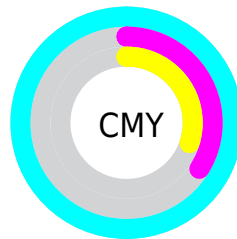
- Red (0%)
- Green (66%)
- Blue (70%)



- Red (0%)
- Yellow (34%)
- Blue (70%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.9080, 29.1324, -104.2823 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 118.9080, 29.1324, -104.2823 by changing the saturation by 10% instead.

■ 118.9080, 29.1324,
-104.2823

■ 118.9080, 29.1324,
-104.2823

■ 255.0000, 0.0000,
0.0000

■ 99.9810, 25.1524,
-87.6833

■ 187.1670, 23.0887,
-79.0765

■ 81.7550, 21.3198,
-71.6991

■ 215.5650, 19.4415,
-75.9175

■ 64.2300, 17.6346,
-56.3297

■ 226.2960, 14.1511,
-59.0186

■ 47.5200, 14.5336,
-41.6750

■ 235.5650, 9.5815,
-39.9605

■ 31.3970, 11.1433,
-27.5352

■ 244.5350, 5.1592,
-21.5172

■ 14.3280, 9.2053,
-12.5657

■ 253.8040, 0.5896,

■ 0.7980, 3.0576,

-2.4591

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 118.9080, 29.1324,
-104.2823

■ 124.8770, 26.1896,
-93.7311

■ 130.8460, 23.2469,
-83.1799

■ 136.5160, 20.4516,
-73.2435

■ 142.4850, 17.5089,
-62.6923

■ 148.4540, 14.5662,
-52.1412

■ 154.4230, 11.6235,
-41.5900

■ 160.3920, 8.6807,
-31.0388

■ 166.0620, 5.8854,
-21.1024

■ 172.0310, 2.9427,
-10.5512

Harmonies

Analogous

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



134.3960, 5.7208, -61.7373



118.9080, 29.1324, -104.2823



129.5760, 36.1980, -83.8202

Triad

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



118.9080, 29.1324, -104.2823



156.0030, 15.7745, 27.1844



149.5320, -30.3353, 23.2124

Complementary

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



118.9080, 29.1324, -104.2823



59.0920, -29.1324, 104.2823

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.



151.6190, -25.4482, 42.4301



118.9080, 29.1324, -104.2823



154.9380, 1.0166, 47.4124

Square

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



118.9080, 29.1324, -104.2823



153.3780, 26.9286, -3.8395



153.7740, -13.6926, 51.9412



146.5180, -25.8914, -2.2083

Rectangle

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



118.9080, 29.1324, -104.2823



140.5240, 35.2377, -55.7105



153.7740, -13.6926, 51.9412



150.6900, -29.9202, 30.0899

Sweetspot

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



118.9080, 29.1324, -104.2823



208.7220, 11.4761, -40.9752



105.5120, -47.5804, -92.5340



103.2680, 6.7699, -24.7910



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



118.9080, 29.1324, -104.2823



155.0010, 37.9605, -135.9359



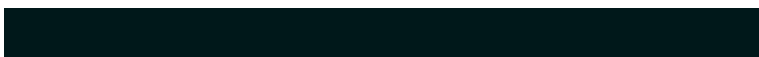
67.2520, 54.5988, -58.9800



86.3090, 1.3267, -5.5330



101.9700, 25.1578, -89.4277



17.0520, 4.4114, -14.9546

Inverse Universe

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



72.3740, 47.1436, 92.6340



94.3340, 61.4603, 120.7331



110.7480, -54.5988, 58.9800



83.7170, 2.6045, 4.6332



62.1630, 40.3456, 79.6640



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 118.9080, 29.1324, -104.2823 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 118.9080, 29.1324, -104.2823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

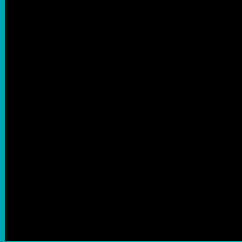
Any Text WCAG AA ✓ Pass

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 118.9080, 29.1324, -104.2823 Background



This preview shows how black text looks on a background with the YUV color 118.9080, 29.1324, -104.2823.



This preview shows how white text looks on a background with the YUV color 118.9080, 29.1324, -104.2823.

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

118.9080, 29.1324, -104.2823

Protanopia

151.5250, 7.1362, -2.2144

Deuteranopia

152.0010, 15.2825, -1.7549



Tritanopia

124.3330, 27.9368, -94.1310

Trichromacy



Original Color

118.9080, 29.1324, -104.2823

Protanomaly

139.9440, 14.8176, -39.4159

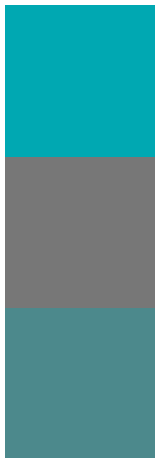
Deuteranomaly

140.0240, 20.2012, -39.4860

Tritanomaly

122.4250, 28.3845, -97.7197

Monochromacy



Original Color

118.9080, 29.1324, -104.2823

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1030, 10.3022, -37.8013

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9080, 29.1324, -104.2823 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, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 178)  
}
```

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, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 178) }
```

Border

The CSS property to change the border of an element to YUV 118.9080, 29.1324, -104.2823 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, 168, 178) }
```


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

```
.border{ border-color:rgb(0, 168, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 118.9080, 29.1324, -104.2823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 178) }
```

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

```
.background{ background-color: rgb(0, 168,  
178) }
```

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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