

Converting Colors

YUV(114.9810, 21.7014,
-100.8383)

Have a look what the booklet for
YUV(114.9810, 21.7014, -100.8383)
contains.

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Color

**YUV(114.9810, 21.7014,
-100.8383)**

Conversions

Conversions Part 1

Format	Color
Hex	00A59F
RGB	0, 165, 159
RGB Percent	0%, 65%, 62%
CMY	1.0000, 0.3529, 0.3765
CMYK	1.00, 0.00, 0.04, 0.35
HSL	178°, 100%, 32%
HSV	178°, 100%, 65%
XYZ	19.7131, 29.4135, 37.4393
YIQ	114.9810, -96.4140, -36.8460

Conversions

Conversions Part 2

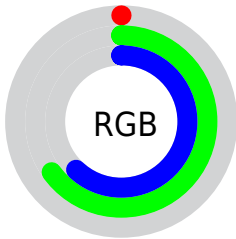
Format	Color
RYB	0, 84, 165
Decimal	42399
CIELab	61.14, -36.55, -7.11
CIElCh	61, 37.239, 191.002
Yxy	29.4135, 0.2277, 0.3398
Android (android.graphics.Color)	4278232479 (0xFF00A59F)
YUV	114.9810, 21.7014, -100.8383
Hunter-Lab	54.2342, -30.0283, -2.9655

Details

The YUV color **114.9810, 21.7014, -100.8383** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **50.0190, -21.7014, 100.8383**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2290, 15.6631, -77.3768**, and **78.0560, 14.7624, -68.4551** is the 20% darker color. If you saturate the color by 10%, you get **114.9810, 21.7014, -100.8383**, and if you desaturate by 10%, it is **119.8790, 19.7797, -91.1019**.

Distribution



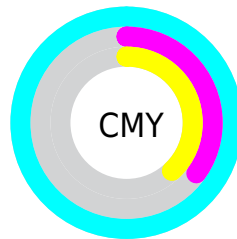
- Red (0%)
- Green (65%)
- Blue (62%)



- Red (0%)
- Yellow (33%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.9810, 21.7014, -100.8383 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 114.9810, 21.7014, -100.8383 by changing the saturation by 10% instead.

■ 114.9810, 21.7014,
-100.8383

■ 114.9810, 21.7014,
-100.8383

■ 255.0000, 0.0000,
0.0000

■ 96.1680, 18.1582,
-84.3393

■ 182.2290, 15.6631,
-77.3768

■ 78.0560, 14.7624,
-68.4551

■ 211.1260, 15.2209,
-75.5325

■ 60.6450, 11.5140,
-53.1857

■ 225.1000, 14.7407,
-61.4777

■ 43.8210, 7.9762,
-38.4310

■ 234.0700, 10.3185,
-43.0344

■ 28.5130, 5.1701,
-25.0059

■ 243.0400, 5.8963,
-24.5911

■ 7.4490, 5.6946,
-6.5328

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 114.9810, 21.7014,
-100.8383

■ 119.8790, 19.7797,
-91.1019

■ 124.9620, 17.2737,
-80.6507

■ 130.1590, 15.2046,
-70.2994

■ 134.9430, 12.8461,
-60.4630

■ 139.8410, 10.9244,
-50.7266

■ 145.0380, 8.8553,
-40.3753

■ 149.8220, 6.4968,
-30.5389

■ 155.0190, 4.4276,
-20.1877

■ 159.8030, 2.0691,
-10.3512

Harmonies

Analogous

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



133.2530, -4.0687, -48.4569



114.9810, 21.7014, -100.8383



117.3410, 35.8209, -102.9081

Triad

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



114.9810, 21.7014, -100.8383



151.0490, 22.6538, 13.9890



146.3100, -30.2258, 34.8081

Complementary

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



114.9810, 21.7014, -100.8383



50.0190, -21.7014, 100.8383

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.



148.2270, -20.8179, 50.6669



114.9810, 21.7014, -100.8383



151.3700, 9.1846, 40.8945

Square

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



114.9810, 21.7014, -100.8383



145.7390, 32.6667, -24.3271



149.7340, -6.2779, 53.7303



144.3410, -30.7341, 11.1019

Rectangle

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



114.9810, 21.7014, -100.8383



121.9710, 40.4403, -91.1826



149.7340, -6.2779, 53.7303



147.0380, -27.6267, 41.1857

Sweetspot

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



114.9810, 21.7014, -100.8383



194.6360, 8.5605, -39.1458



99.2470, -48.9288, -80.0236



95.5240, 5.1647, -23.2615



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



114.9810, 21.7014, -100.8383



149.1020, 28.0507, -130.7625



72.2270, 45.7371, -63.3431



79.1950, 0.8899, -5.4330



101.0750, 19.1900, -88.6428



12.5040, 2.2165, -10.9660

Inverse Universe

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



50.0190, -21.7014, 100.8383



64.8980, -28.0507, 130.7625



92.7730, -45.7371, 63.3431



75.8050, -0.8899, 5.4330



43.9250, -19.1900, 88.6428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 114.9810, 21.7014, -100.8383 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 114.9810, 21.7014, -100.8383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

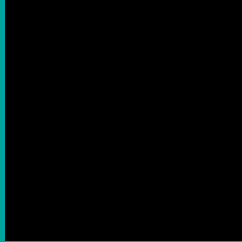
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

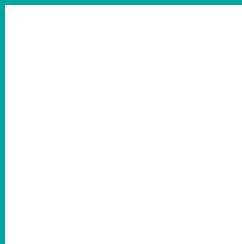
Any Text WCAG AAA × Fail

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

YUV 114.9810, 21.7014, -100.8383 Background



This preview shows how black text looks on a background with the YUV color 114.9810, 21.7014, -100.8383.

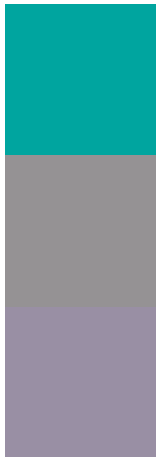


This preview shows how white text looks on a background with the YUV color 114.9810, 21.7014, -100.8383.

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

114.9810, 21.7014, -100.8383

Protanopia

147.1250, 0.4314, 1.6444

Deuteranopia

148.3840, 7.6987, 4.0482



Tritanopia

125.6230, 24.8359, -79.4764

Trichromacy



Original Color

114.9810, 21.7014, -100.8383

Protanomaly

135.5440, 8.1128, -35.5571

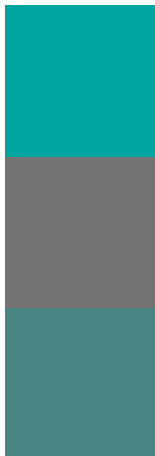
Deuteranomaly

136.1080, 12.7648, -34.2977

Tritanomaly

121.6390, 23.8420, -87.3834

Monochromacy



Original Color

114.9810, 21.7014, -100.8383

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8320, 7.9708, -36.6867

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.9810, 21.7014, -100.8383 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, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 159)  
}
```

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, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 159) }
```

Border

The CSS property to change the border of an element to YUV 114.9810, 21.7014, -100.8383 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, 165, 159) }
```


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

```
.border{ border-color:rgb(0, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 114.9810, 21.7014, -100.8383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 159) }
```

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

```
.background{ background-color: rgb(0, 165,  
159) }
```

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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