

Converting Colors

YUV(110.9340, 16.3015,
-95.5351)

Have a look what the booklet for
YUV(110.9340, 16.3015, -95.5351)
contains.

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Color

**YUV(110.9340, 16.3015,
-95.5351)**

Conversions

Conversions Part 1

Format	Color
Hex	02A090
RGB	2, 160, 144
RGB Percent	1%, 63%, 56%
CMY	0.9922, 0.3725, 0.4353
CMYK	0.99, 0.00, 0.10, 0.37
HSL	174°, 98%, 32%
HSV	174°, 99%, 63%
XYZ	17.6299, 27.1681, 30.7003
YIQ	110.9340, -89.0320, -38.4720

Conversions

Conversions Part 2

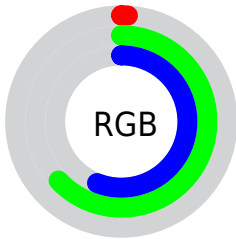
Format	Color
RYB	2, 85, 160
Decimal	172176
CIELab	59.13, -38.68, -1.61
CIELCh	59, 38.718, 182.388
Yxy	27.1681, 0.2335, 0.3599
Android (android.graphics.Color)	4278362256 (0xFF02A090)
YUV	110.9340, 16.3015, -95.5351
Hunter-Lab	52.1231, -30.8403, 1.5645

Details

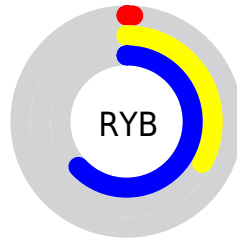
The YUV color **110.9340, 16.3015, -95.5351** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **51.0660, -16.3015, 95.5351**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.9860, 10.8529, -74.5327**, and **73.5250, 10.0942, -64.4814** is the 20% darker color. If you saturate the color by 10%, you get **110.3360, 16.5964, -96.7647**, and if you desaturate by 10%, it is **115.9460, 14.8166, -85.8986**.

Distribution



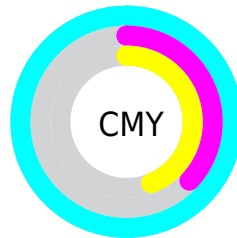
- Red (1%)
- Green (63%)
- Blue (56%)



- Red (1%)
- Yellow (33%)
- Blue (63%)



- Cyan (99%)
- Magenta (0%)
- Yellow (10%)
- Black (37%)



- Cyan (99%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.9340, 16.3015, -95.5351 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 110.9340, 16.3015, -95.5351 by changing the saturation by 10% instead.

■ 110.9340, 16.3015,
-95.5351

■ 110.9340, 16.3015,
-95.5351

■ 255.0000, 0.0000,
0.0000

■ 91.5230, 13.0532,
-80.2657

■ 175.9860, 10.8529,
-74.5327

■ 73.5250, 10.0942,
-64.4814

■ 205.4700, 10.1213,
-73.2032

■ 56.1140, 6.8458,
-49.2120

■ 224.0890, 14.7461,
-63.2221

■ 39.5180, 4.1816,
-34.6573

■ 233.1730, 10.7607,
-44.8787

■ 25.3840, 0.7967,
-22.2618

■ 242.1430, 6.3385,
-26.4354

■ 0.0000, 0.0000,
0.0000

■ 251.1130, 1.9163,

-7.9921

■ 110.9340, 16.3015,
-95.5351

■ 110.9340, 16.3015,
-95.5351

■ 110.3360, 16.5964,
-96.7647

■ 115.9460, 14.8166,
-85.8986

■ 120.8440, 12.8949,
-76.1622

■ 125.8560, 11.4100,
-66.5257

■ 130.7540, 9.4883,
-56.7893

■ 135.7660, 8.0034,
-47.1528

■ 140.7780, 6.5184,
-37.5163

■ 145.6760, 4.5967,
-27.7799

■ 150.6880, 3.1118,
-18.1434

■ 155.7000, 1.6269,
-8.5069

Harmonies

Analogous

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



129.5160, -9.6214, -40.7945



110.9340, 16.3015, -95.5351



113.6250, 31.7369, -99.6491

Triad

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



110.9340, 16.3015, -95.5351



144.8350, 27.1963, 3.6527



141.6960, -28.9371, 41.4856

Complementary

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



110.9340, 16.3015, -95.5351



51.0660, -16.3015, 95.5351

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.



143.4600, -17.4818, 53.9706



110.9340, 16.3015, -95.5351



146.1890, 13.7108, 35.7912

Square

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



110.9340, 16.3015, -95.5351



136.8620, 36.0570, -38.4670



145.1730, -2.0573, 53.3453



139.2280, -32.6504, 19.0940

Rectangle

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



110.9340, 16.3015, -95.5351



113.8020, 40.0306, -99.8044



145.1730, -2.0573, 53.3453



142.2390, -25.7538, 47.1484

Sweetspot

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



110.9340, 16.3015, -95.5351



189.4790, 6.6659, -38.1311



100.1280, -48.3771, -70.2723



93.1820, 3.8543, -22.9616



232.0000, 0.0000, 0.0000



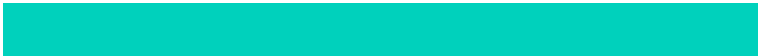
105.0000, 0.0000, 0.0000

Same Dimension

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



110.9340, 16.3015, -95.5351



144.1150, 21.6353, -126.3889



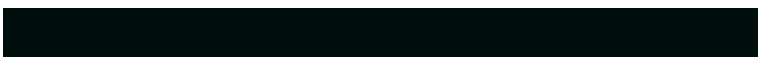
76.9510, 40.9432, -65.7320



76.4940, 0.7425, -4.8182



98.5330, 14.5272, -86.4134



10.4010, 1.7743, -9.1217

Inverse Universe

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



51.0660, -16.3015, 95.5351



64.8850, -21.6353, 126.3889



85.0490, -40.9432, 65.7320



73.5060, -0.7425, 4.8182



44.3530, -14.9640, 86.5134



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 110.9340, 16.3015, -95.5351 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 110.9340, 16.3015, -95.5351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

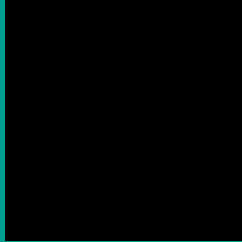
Any Text WCAG AA ✓ Pass

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 110.9340, 16.3015, -95.5351 Background



This preview shows how black text looks on a background with the YUV color 110.9340, 16.3015, -95.5351.

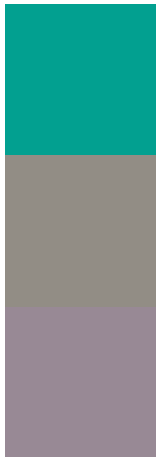


This preview shows how white text looks on a background with the YUV color 110.9340, 16.3015,

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

110.9340, 16.3015, -95.5351

Protanopia

141.5830, -4.2314, 3.8737

Deuteranopia

142.8530, 3.0305, 8.0219



Tritanopia

123.0970, 22.6302, -71.9991

Trichromacy



Original Color

110.9340, 16.3015, -95.5351



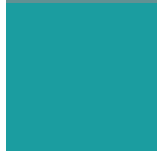
Protanomaly

130.6000, 3.1552, -32.0982



Deuteranomaly

130.8760, 7.9491, -29.7093



Tritanomaly

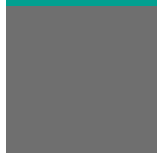
118.4720, 20.4733, -80.2209

Monochromacy



Original Color

110.9340, 16.3015, -95.5351



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

110.9740, 5.9288, -35.0572

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.9340, 16.3015, -95.5351 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(2, 160, 144)` looks like.

```
.text, #text, p{  
    color:rgb(2, 160, 144)  
}
```

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(2, 160, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 160, 144) }
```

Border

The CSS property to change the border of an element to YUV 110.9340, 16.3015, -95.5351 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(2, 160, 144) }
```


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

```
.border{ border-color:rgb(2, 160, 144) }
```

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

Here you see how a box with a 4 pixel rgb(2, 160, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 160, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 160, 144);  
box-shadow:4px 4px 4px 4px rgb(2, 160,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 110.9340, 16.3015, -95.5351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 160, 144) }
```

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

```
.background{ background-color: rgb(2, 160,  
144) }
```

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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