

Converting Colors

YUV(114.5590, 15.0074,
-100.4682)

Have a look what the booklet for
YUV(114.5590, 15.0074, -100.4682)
contains.

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Color

**YUV(114.5590, 15.0074,
-100.4682)**

Conversions

Conversions Part 1

Format	Color
Hex	00A791
RGB	0, 167, 145
RGB Percent	0%, 65%, 57%
CMY	1.0000, 0.3451, 0.4314
CMYK	1.00, 0.00, 0.13, 0.35
HSL	172°, 100%, 33%
HSV	172°, 100%, 65%
XYZ	18.9296, 29.6818, 31.5195
YIQ	114.5590, -92.4700, -42.2460

Conversions

Conversions Part 2

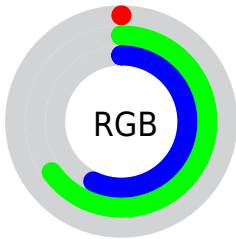
Format	Color
RYB	0, 89, 167
Decimal	42897
CIELab	61.38, -41.54, 1.11
CIELCh	61, 41.552, 178.471
Yxy	29.6818, 0.2362, 0.3704
Android (android.graphics.Color)	4278232977 (0xFF00A791)
YUV	114.5590, 15.0074, -100.4682
Hunter-Lab	54.4810, -33.3214, 3.8349

Details

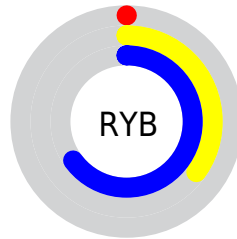
The YUV color **114.5590, 15.0074, -100.4682** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **52.4410, -15.0074, 100.4682**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3940, 8.6798, -77.5215**, and **77.7480, 8.5052, -68.1850** is the 20% darker color. If you saturate the color by 10%, you get **114.5590, 15.0074, -100.4682**, and if you desaturate by 10%, it is **119.8700, 13.3751, -90.2170**.

Distribution



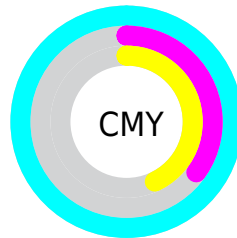
- Red (0%)
- Green (65%)
- Blue (57%)



- Red (0%)
- Yellow (35%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5590, 15.0074, -100.4682 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 114.5590, 15.0074, -100.4682 by changing the saturation by 10% instead.

■ 114.5590, 15.0074,
-100.4682

■ 114.5590, 15.0074,
-100.4682

■ 255.0000, 0.0000,
0.0000

■ 95.7460, 11.4642,
-83.9692

■ 181.3940, 8.6798,
-77.5215

■ 77.7480, 8.5052,
-68.1850

■ 210.8780, 7.9481,
-76.1920

■ 60.3370, 5.2569,
-52.9155

■ 224.8010, 14.8881,
-62.0925

■ 43.1540, 2.8821,
-37.8461

■ 233.7710, 10.4659,
-43.6492

■ 27.8460, 0.0759,
-24.4209

■ 242.7410, 6.0437,
-25.2059

■ 6.0980, -2.0203,
-5.3479

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 114.5590, 15.0074,
-100.4682

■ 119.8700, 13.3751,
-90.2170

■ 124.8820, 11.8902,
-80.5805

■ 130.3070, 10.6946,
-70.4292

■ 135.6180, 9.0623,
-60.1780

■ 140.6300, 7.5774,
-50.5415

■ 145.9410, 5.9451,
-40.2903

■ 151.2520, 4.3128,
-30.0390

■ 156.6770, 3.1172,
-19.8877

■ 161.6890, 1.6323,
-10.2513

Harmonies

Analogous

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



135.4900, -13.5526, -39.8947



114.5590, 15.0074, -100.4682



118.7770, 31.1689, -104.1674

Triad

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



114.5590, 15.0074, -100.4682



150.1270, 30.9964, -1.8654



147.3870, -30.2638, 47.0186

Complementary

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



114.5590, 15.0074, -100.4682



52.4410, -15.0074, 100.4682

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.



149.0200, -16.7719, 59.6185



114.5590, 15.0074, -100.4682



152.6880, 16.9158, 34.4766

Square

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



114.5590, 15.0074, -100.4682



139.8220, 40.0208, -49.8329



150.8790, 0.5527, 56.2341



144.8650, -35.4294, 23.7974

Rectangle

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



114.5590, 15.0074, -100.4682



119.2960, 40.7731, -104.6226



150.8790, 0.5527, 56.2341



148.1580, -26.2069, 52.4814

Sweetspot

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



114.5590, 15.0074, -100.4682



196.5390, 5.6503, -39.0607



104.6070, -51.5713, -72.4463



97.3560, 3.2755, -23.9912



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



114.5590, 15.0074, -100.4682



148.8110, 19.3202, -130.5072



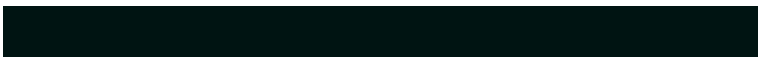
81.2600, 42.2698, -71.2650



81.4940, 0.7425, -4.8182



101.4680, 13.0803, -88.9874



13.7920, 2.0745, -12.0956

Inverse Universe

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



52.4410, -15.0074, 100.4682



68.1890, -19.3202, 130.5072



85.7400, -42.2698, 71.2650



78.5060, -0.7425, 4.8182



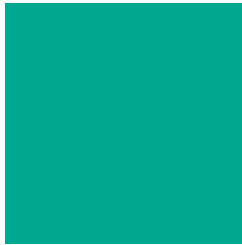
46.4180, -13.5171, 89.0874



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 114.5590, 15.0074, -100.4682 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 114.5590, 15.0074, -100.4682 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

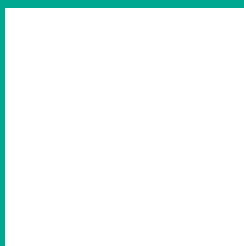
Any Text WCAG AAA × Fail

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

YUV 114.5590, 15.0074, -100.4682 Background



This preview shows how black text looks on a background with the YUV color 114.5590, 15.0074, -100.4682.

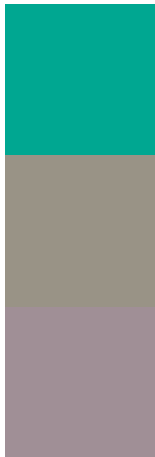


This preview shows how white text looks on a background with the YUV color 114.5590, 15.0074, -100.4682.

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

114.5590, 15.0074, -100.4682

Protanopia

147.3120, -6.5628, 4.9884

Deuteranopia

148.8810, 0.5517, 9.7514



Tritanopia

129.2000, 23.0724, -73.8434

Trichromacy



Original Color

114.5590, 15.0074, -100.4682

Protanomaly

135.1330, 1.4134, -33.4426

Deuteranomaly

136.5940, 5.6232, -30.3389

Tritanomaly

123.7490, 20.3367, -83.0949

Monochromacy



Original Color

114.5590, 15.0074, -100.4682

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8490, 5.4974, -36.7016

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5590, 15.0074, -100.4682 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, 167, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 145)  
}
```

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, 167, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 145) }
```

Border

The CSS property to change the border of an element to YUV 114.5590, 15.0074, -100.4682 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, 167, 145) }
```


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

```
.border{ border-color:rgb(0, 167, 145) }
```

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

Here you see how a box with a 4 pixel rgb(0, 167, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 167,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 114.5590, 15.0074, -100.4682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 145) }
```

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

```
.background{ background-color: rgb(0, 167,  
145) }
```

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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