

Converting Colors

YUV(91.8650, 14.3636,
-80.5656)

Have a look what the booklet for
YUV(91.8650, 14.3636, -80.5656)
contains.

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Color

**YUV(91.8650, 14.3636,
-80.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	008579
RGB	0, 133, 121
RGB Percent	0%, 52%, 47%
CMY	1.0000, 0.4784, 0.5255
CMYK	1.00, 0.00, 0.09, 0.48
HSL	175°, 100%, 26%
HSV	175°, 100%, 52%
XYZ	11.8387, 18.1555, 20.9696
YIQ	91.8650, -75.4160, -31.9280

Conversions

Conversions Part 2

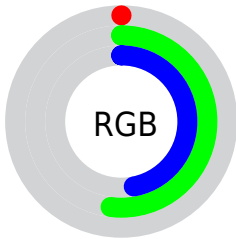
Format	Color
RYB	0, 70, 133
Decimal	34169
CIELab	49.68, -33.42, -2.25
CIELCh	50, 33.493, 183.850
Yxy	18.1555, 0.2323, 0.3562
Android (android.graphics.Color)	4278224249 (0xFF008579)
YUV	91.8650, 14.3636, -80.5656
Hunter-Lab	42.6093, -24.9712, 0.6478

Details

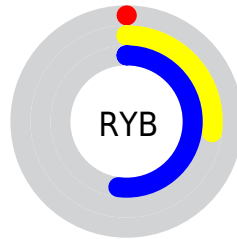
The YUV color **91.8650, 14.3636, -80.5656** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **41.1350, -14.3636, 80.5656**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3080, 9.2152, -62.5371**, and **56.4560, 8.1562, -49.5119** is the 20% darker color. If you saturate the color by 10%, you get **91.8650, 14.3636, -80.5656**, and if you desaturate by 10%, it is **95.8660, 12.8841, -72.6735**.

Distribution



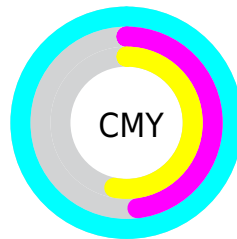
- Red (0%)
- Green (52%)
- Blue (47%)



- Red (0%)
- Yellow (27%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.8650, 14.3636, -80.5656 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 91.8650, 14.3636, -80.5656 by changing the saturation by 10% instead.

■ 91.8650, 14.3636,
-80.5656

■ 91.8650, 14.3636,
-80.5656

■ 255.0000, 0.0000,
0.0000

■ 73.7530, 10.9678,
-64.6814

■ 154.3080, 9.2152,
-62.5371

■ 56.4560, 8.1562,
-49.5119

■ 182.6070, 9.0677,
-61.9223

■ 40.3330, 4.7658,
-35.3720

■ 210.9060, 8.9203,
-61.3076

■ 25.6120, 1.6703,
-22.4617

■ 229.5850, 12.5296,
-52.2560

■ 0.4560, 1.7472,
-0.3999

■ 238.2560, 8.2548,
-34.4275

■ 0.0000, 0.0000,
0.0000

■ 246.9270, 3.9800,

-16.5990

■ 91.8650, 14.3636,
-80.5656

■ 95.8660, 12.8841,
-72.6735

■ 100.1660, 11.2572,
-64.1666

■ 104.2810, 10.2145,
-56.3744

■ 108.2820, 8.7350,
-48.4823

■ 112.5820, 7.1081,
-39.9754

■ 116.5830, 5.6286,
-32.0833

■ 120.5840, 4.1491,
-24.1912

■ 124.6990, 3.1064,
-16.3990

■ 128.9990, 1.4795,
-7.8921

Harmonies

Analogous

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



107.4180, -7.6011, -35.4466



91.8650, 14.3636, -80.5656



94.4700, 26.8833, -82.8502

Triad

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



91.8650, 14.3636, -80.5656



120.4670, 21.9548, 4.8524



117.6780, -24.9843, 33.6084

Complementary

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



91.8650, 14.3636, -80.5656



41.1350, -14.3636, 80.5656

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.



118.9750, -15.2707, 44.7489



91.8650, 14.3636, -80.5656



121.4720, 11.1063, 31.1581

Square

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



91.8650, 14.3636, -80.5656



114.3100, 29.9202, -30.0899



120.1180, -2.0302, 44.6235



115.5740, -27.3980, 14.4056

Rectangle

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



91.8650, 14.3636, -80.5656



94.8920, 33.5772, -83.2203



120.1180, -2.0302, 44.6235



117.8080, -22.0903, 38.7564

Sweetspot

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



91.8650, 14.3636, -80.5656



156.9960, 5.9180, -31.5685



81.9580, -40.4053, -60.4762



77.0900, 3.4066, -19.3729



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



91.8650, 14.3636, -80.5656



119.5630, 18.9494, -104.8568



62.1220, 34.9429, -54.4810



64.2060, 0.8844, -3.6887



89.7620, 13.9213, -78.7213



1.9890, 0.0054, -1.7444

Inverse Universe

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



41.1350, -14.3636, 80.5656



53.5510, -18.5126, 104.7568



70.8780, -34.9429, 54.4810



61.7940, -0.8844, 3.6887



40.2380, -13.9213, 78.7213



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 91.8650, 14.3636, -80.5656 looks on a white 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

Black Background



This preview shows how the YUV color 91.8650, 14.3636, -80.5656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

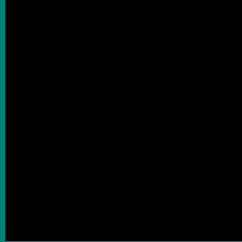
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 91.8650, 14.3636, -80.5656

Background



This preview shows how black text looks on a background with the YUV color 91.8650, 14.3636, -80.5656.



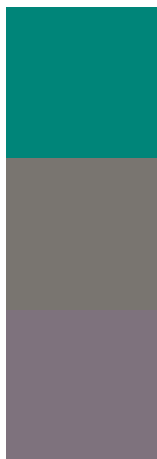
This preview shows how white text looks on a background with the YUV color 91.8650, 14.3636,

-80.5656.

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

91.8650, 14.3636, -80.5656

Protanopia

117.6260, -2.7736, 2.9590

Deuteranopia

118.8420, 3.0359, 6.2776



Tritanopia

102.2510, 19.1033, -60.7331

Trichromacy



Original Color

91.8650, 14.3636, -80.5656

Protanomaly

108.3340, 3.2863, -27.4799

Deuteranomaly

109.0830, 7.3541, -25.5058

Tritanomaly

98.4520, 17.5252, -67.9254

Monochromacy



Original Color

91.8650, 14.3636, -80.5656

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.1920, 5.3283, -29.1094

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.8650, 14.3636, -80.5656 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, 133, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 121)  
}
```

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, 133, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 121) }
```

Border

The CSS property to change the border of an element to YUV 91.8650, 14.3636, -80.5656 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, 133, 121) }
```


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

```
.border{ border-color:rgb(0, 133, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 133, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 91.8650, 14.3636, -80.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 121) }
```

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

```
.background{ background-color: rgb(0, 133,  
121) }
```

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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