

Converting Colors

YUV(103.4010, 21.4943,
-81.0357)

Have a look what the booklet for
YUV(103.4010, 21.4943, -81.0357)
contains.

YUV(103.4010, 21.4943, -81.0357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(103.4010, 21.4943,
-81.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	0B8E93
RGB	11, 142, 147
RGB Percent	4%, 56%, 58%
CMY	0.9569, 0.4431, 0.4235
CMYK	0.93, 0.03, 0.00, 0.42
HSL	182°, 86%, 31%
HSV	182°, 93%, 58%
XYZ	15.0775, 21.5237, 30.9636
YIQ	103.4010, -79.6810, -26.2170

Conversions

Conversions Part 2

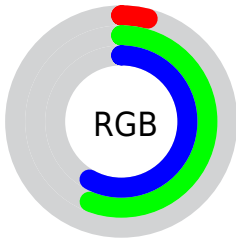
Format	Color
R_{YB}	11, 78, 147
Decimal	757395
CIE _{Lab}	53.52, -28.98, -11.66
CIE _{LCh}	54, 31.239, 201.920
Yxy	21.5237, 0.2232, 0.3186
Android (android.graphics.Color)	4278947475 (0xFF0B8E93)
YUV	103.4010, 21.4943, -81.0357
Hunter-Lab	46.3937, -23.1783, -7.0951

Details

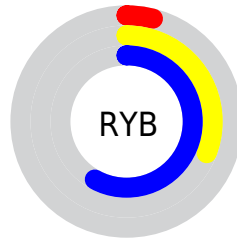
The YUV color **103.4010, 21.4943, -81.0357** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **54.5990, -21.4943, 81.0357**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8760, 17.8091, -65.6663**, and **64.3610, 15.5980, -56.4446** is the 20% darker color. If you saturate the color by 10%, you get **100.1120, 23.1158, -87.7982**, and if you desaturate by 10%, it is **108.4730, 18.9938, -72.3288**.

Distribution



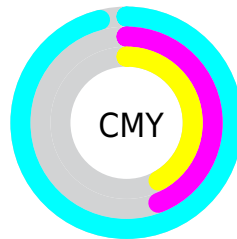
- Red (4%)
- Green (56%)
- Blue (58%)



- Red (4%)
- Yellow (31%)
- Blue (58%)



- Cyan (93%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (96%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4010, 21.4943, -81.0357 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 103.4010, 21.4943, -81.0357 by changing the saturation by 10% instead.

■ 103.4010, 21.4943,
-81.0357

■ 103.4010, 21.4943,
-81.0357

■ 255.0000, 0.0000,
0.0000

■ 81.8860, 19.2832,
-71.8140

■ 164.8760, 17.8091,
-65.6663

■ 64.3610, 15.5980,
-56.4446

■ 193.4740, 17.5143,
-64.4367

■ 47.6510, 12.4971,
-41.7899

■ 222.4310, 16.0565,
-63.5220

■ 31.5280, 9.1067,
-27.6501

■ 232.2760, 11.2029,
-46.7231

■ 16.2200, 6.3005,
-14.2249

■ 240.9470, 6.9281,
-28.8945

■ 0.1140, 0.4368,
-0.1000

■ 249.9170, 2.5059,

■ 0.0000, 0.0000,

-10.4512

0.0000

■ 103.4010, 21.4943,
-81.0357

■ 103.4010, 21.4943,
-81.0357

■ 100.1120, 23.1158,
-87.7982

■ 108.4730, 18.9938,
-72.3288

■ 112.6590, 16.9301,
-63.7219

■ 117.7310, 14.4296,
-55.0151

■ 122.2160, 12.2185,
-45.7934

■ 127.2880, 9.7180,
-37.0866

■ 131.4740, 7.6543,
-28.4797

■ 136.5460, 5.1538,
-19.7728

■ 141.0310, 2.9427,
-10.5512

■ 145.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



114.2620, 2.3358, -49.3418



103.4010, 21.4943, -81.0357



107.1380, 30.4980, -75.5430

Triad

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



103.4010, 21.4943, -81.0357



131.6170, 14.4858, 20.5069



126.6720, -25.9673, 22.2127

Complementary

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



103.4010, 21.4943, -81.0357



54.5990, -21.4943, 81.0357

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.



127.9650, -20.1957, 37.7417



103.4010, 21.4943, -81.0357



130.6380, 2.6435, 38.9055

Square

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



103.4010, 21.4943, -81.0357



128.9600, 24.1767, -7.8579



129.6420, -10.1765, 44.1640



123.6370, -22.9920, 1.1954

Rectangle

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



103.4010, 21.4943, -81.0357



116.8790, 30.1327, -51.6369



129.6420, -10.1765, 44.1640



127.3460, -24.8206, 27.7606

Sweetspot

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



103.4010, 21.4943, -81.0357



173.9790, 8.3914, -31.5536



91.4020, -37.1732, -70.5126



86.5460, 5.1538, -19.7728



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



103.4010, 21.4943, -81.0357



129.7820, 30.1805, -113.8188



63.4850, 41.1729, -46.0293



71.9070, 1.0318, -4.3034



93.8030, 21.7891, -82.2652



7.0100, 1.4741, -6.1478

Inverse Universe

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



66.5980, 37.1732, 70.5126



78.0850, 52.2161, 99.0265



94.5150, -41.1729, 46.0293



69.8910, 2.0257, 3.6036



56.4240, 37.7520, 71.5422



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 103.4010, 21.4943, -81.0357 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 103.4010, 21.4943, -81.0357 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 103.4010, 21.4943, -81.0357

Background



This preview shows how black text looks on a background with the YUV color 103.4010, 21.4943, -81.0357.

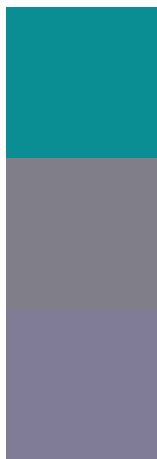


This preview shows how white text looks on a background with the YUV color 103.4010, 21.4943, -81.0357.

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

103.4010, 21.4943, -81.0357

Protanopia

127.5530, 4.6574, -0.4850

Deuteranopia

128.2740, 11.2039, -0.2403



Tritanopia

106.7870, 22.7830, -74.3582

Trichromacy



Original Color

103.4010, 21.4943, -81.0357

Protanomaly

118.9730, 10.8593, -29.7943

Deuteranomaly

119.4120, 15.0799, -30.1793

Tritanomaly

105.3630, 22.4990, -76.6174

Monochromacy



Original Color

103.4010, 21.4943, -81.0357

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.1750, 7.8017, -29.0945

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4010, 21.4943, -81.0357 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(11, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(11, 142, 147)  
}
```

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(11, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 142, 147) }
```

Border

The CSS property to change the border of an element to YUV 103.4010, 21.4943, -81.0357 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(11, 142, 147) }
```


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

```
.border{ border-color:rgb(11, 142, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 142, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(11, 142,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 103.4010, 21.4943, -81.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 142, 147) }
```

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

```
.background{ background-color: rgb(11, 142,  
147) }
```

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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