

Converting Colors

YUV(96.3790, 21.5052,
-84.5244)

Have a look what the booklet for
YUV(96.3790, 21.5052, -84.5244)
contains.

YUV(96.3790, 21.5052, -84.5244)	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>	30

Color

**YUV(96.3790, 21.5052,
-84.5244)**

Conversions

Conversions Part 1

Format	Color
Hex	00898C
RGB	0, 137, 140
RGB Percent	0%, 54%, 55%
CMY	1.0000, 0.4627, 0.4510
CMYK	1.00, 0.02, 0.00, 0.45
HSL	181°, 100%, 27%
HSV	181°, 100%, 55%
XYZ	13.6793, 19.7848, 27.9088
YIQ	96.3790, -82.6150, -28.1110

Conversions

Conversions Part 2

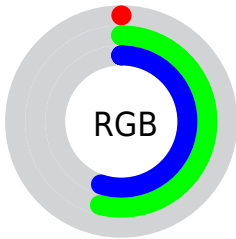
Format	Color
RYB	0, 69, 140
Decimal	35212
CIELab	51.59, -29.32, -10.51
CIElCh	52, 31.148, 199.711
Yxy	19.7848, 0.2229, 0.3224
Android (android.graphics.Color)	4278225292 (0xFF00898C)
YUV	96.3790, 21.5052, -84.5244
Hunter-Lab	44.4801, -22.9447, -6.0652

Details

The YUV color **96.3790, 21.5052, -84.5244** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **43.6210, -21.5052, 84.5244**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8330, 16.3513, -64.7515**, and **60.7420, 14.4242, -53.2707** is the 20% darker color. If you saturate the color by 10%, you get **96.3790, 21.5052, -84.5244**, and if you desaturate by 10%, it is **100.5650, 19.4415, -75.9175**.

Distribution



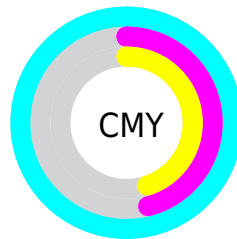
- Red (0%)
- Green (54%)
- Blue (55%)



- Red (0%)
- Yellow (27%)
- Blue (55%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3790, 21.5052, -84.5244 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 96.3790, 21.5052, -84.5244 by changing the saturation by 10% instead.

■ 96.3790, 21.5052,
-84.5244

■ 96.3790, 21.5052,
-84.5244

■ 255.0000, 0.0000,
0.0000

■ 78.2670, 18.1094,
-68.6402

■ 159.8330, 16.3513,
-64.7515

■ 60.7420, 14.4242,
-53.2707

■ 188.4310, 16.0565,
-63.5220

■ 44.6190, 11.0338,
-39.1309

■ 217.4310, 16.0565,
-63.5220

■ 28.6100, 8.0803,
-25.0910

■ 230.7810, 11.9400,
-49.7969

■ 9.8940, 7.4473,
-8.6770

■ 239.7510, 7.5178,
-31.3536

■ 0.0000, 0.0000,
0.0000

■ 248.4220, 3.2430,

-13.5251

■ 96.3790, 21.5052,
-84.5244

■ 100.5650, 19.4415,
-75.9175

■ 105.3380, 17.0884,
-67.8254

■ 109.5240, 15.0247,
-59.2185

■ 113.7100, 12.9610,
-50.6117

■ 118.4830, 10.6079,
-42.5196

■ 122.6690, 8.5442,
-33.9127

■ 126.8550, 6.4805,
-25.3058

■ 131.0410, 4.4168,
-16.6990

■ 135.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



110.0450, 1.4568, -47.3975



96.3790, 21.5052, -84.5244



97.2400, 32.4197, -85.2795

Triad

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



96.3790, 21.5052, -84.5244



126.5350, 15.5122, 17.9478



121.4980, -25.3885, 23.2423

Complementary

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



96.3790, 21.5052, -84.5244



43.6210, -21.5052, 84.5244

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.



123.3780, -19.9064, 38.2565



96.3790, 21.5052, -84.5244



126.1540, 3.3751, 37.5759

Square

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



96.3790, 21.5052, -84.5244



123.0630, 24.6189, -9.7023



124.8700, -9.3029, 43.9640



119.5340, -23.4343, 3.0397

Rectangle

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



96.3790, 21.5052, -84.5244



110.8570, 30.1435, -55.1256



124.8700, -9.3029, 43.9640



122.4710, -24.3892, 29.4049

Sweetspot

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



96.3790, 21.5052, -84.5244



164.2670, 8.2494, -32.6832



82.4080, -39.6411, -72.2718



81.5460, 5.1538, -19.7728



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



96.3790, 21.5052, -84.5244



124.5330, 27.8382, -109.2154



55.8760, 41.4731, -49.0033



66.9070, 1.0318, -4.3034



91.4720, 20.4733, -80.2209



3.5050, 0.7370, -3.0739

Inverse Universe

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



57.4780, 39.2043, 72.3718



74.2970, 50.6326, 93.5785



84.1240, -41.4731, 49.0033



64.8910, 2.0257, 3.6036



54.5870, 37.1786, 68.7682



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 96.3790, 21.5052, -84.5244 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 96.3790, 21.5052, -84.5244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

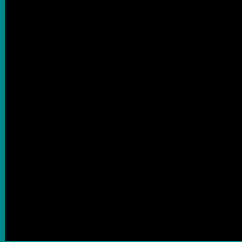
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 96.3790, 21.5052, -84.5244

Background



This preview shows how black text looks on a background with the YUV color 96.3790, 21.5052, -84.5244.



This preview shows how white text looks on a background with the YUV color 96.3790, 21.5052,

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



Protanopia

122.9120, 3.4944, -0.7998

Deuteranopia

123.9320, 9.8935, 0.0596

Tritanopia

103.1680, 21.6092, -71.1843

Trichromacy



Protanomaly

113.1470, 10.2805, -30.8239

Deuteranomaly

113.8850, 14.3537, -30.5941

Tritanomaly

100.4340, 21.4780, -75.8026

Monochromacy



Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1640, 7.8071, -30.8388

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3790, 21.5052, -84.5244 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, 137, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 140)  
}
```

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, 137, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 140) }
```

Border

The CSS property to change the border of an element to YUV 96.3790, 21.5052, -84.5244 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, 137, 140) }
```

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

```
.border{ border-color:rgb(0, 137, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 137, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
140) }
```


Background

The CSS property to change the background color of an element to YUV 96.3790, 21.5052, -84.5244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 137, 140) }
```

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

```
.background{ background-color: rgb(0, 137,  
140) }
```

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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