

Converting Colors

YUV(99.2000, 19.6214,
-86.9984)

Have a look what the booklet for
YUV(99.2000, 19.6214, -86.9984)
contains.

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Color

**YUV(99.2000, 19.6214,
-86.9984)**

Conversions

Conversions Part 1

Format	Color
Hex	008E8B
RGB	0, 142, 139
RGB Percent	0%, 56%, 55%
CMY	1.0000, 0.4431, 0.4549
CMYK	1.00, 0.00, 0.02, 0.44
HSL	179°, 100%, 28%
HSV	179°, 100%, 56%
XYZ	14.3332, 21.2101, 27.7646
YIQ	99.2000, -83.6690, -31.0370

Conversions

Conversions Part 2

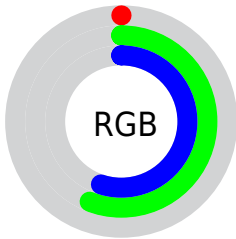
Format	Color
RYB	0, 72, 142
Decimal	36491
CIELab	53.18, -32.05, -7.55
CIElCh	53, 32.925, 193.260
Yxy	21.2101, 0.2264, 0.3350
Android (android.graphics.Color)	4278226571 (0xFF008E8B)
YUV	99.2000, 19.6214, -86.9984
Hunter-Lab	46.0544, -25.0419, -3.5058

Details

The YUV color **99.2000, 19.6214, -86.9984** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **42.8000, -19.6214, 86.9984**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.9530, 14.3202, -66.6108**, and **63.5630, 12.5404, -55.7448** is the 20% darker color. If you saturate the color by 10%, you get **99.2000, 19.6214, -86.9984**, and if you desaturate by 10%, it is **103.3860, 17.5577, -78.3915**.

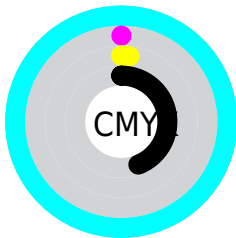
Distribution



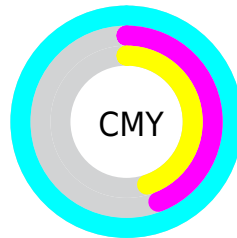
- Red (0%)
- Green (56%)
- Blue (55%)



- Red (0%)
- Yellow (28%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2000, 19.6214, -86.9984 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 99.2000, 19.6214, -86.9984 by changing the saturation by 10% instead.

■ 99.2000, 19.6214,
-86.9984

■ 99.2000, 19.6214,
-86.9984

■ 255.0000, 0.0000,
0.0000

■ 81.0880, 16.2256,
-71.1142

■ 162.9530, 14.3202,
-66.6108

■ 63.5630, 12.5404,
-55.7448

■ 191.5510, 14.0254,
-65.3812

■ 46.8530, 9.4395,
-41.0901

■ 220.5510, 14.0254,
-65.3812

■ 30.8440, 6.4859,
-27.0502

■ 231.0800, 11.7926,
-49.1822

■ 14.4760, 4.6953,
-12.6955

■ 240.0500, 7.3704,
-30.7388

■ 0.0000, 0.0000,
0.0000

■ 249.0200, 2.9481,

-12.2955

■ 99.2000, 19.6214,
-86.9984

■ 103.3860, 17.5577,
-78.3915

■ 107.6860, 15.9308,
-69.8846

■ 112.1710, 13.7197,
-60.6630

■ 116.3570, 11.6560,
-52.0561

■ 120.6570, 10.0291,
-43.5492

■ 124.8430, 7.9654,
-34.9423

■ 129.0290, 5.9017,
-26.3354

■ 133.5140, 3.6906,
-17.1138

■ 137.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



114.4430, -2.1904, -44.2385



99.2000, 19.6214, -86.9984



100.9900, 31.5569, -88.5682

Triad

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



99.2000, 19.6214, -86.9984



130.3110, 18.5807, 13.7593



126.3030, -26.2784, 28.6753

Complementary

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



99.2000, 19.6214, -86.9984



42.8000, -19.6214, 86.9984

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.



127.3400, -18.9016, 42.6748



99.2000, 19.6214, -86.9984



130.6530, 6.5801, 36.2613

Square

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



99.2000, 19.6214, -86.9984



126.4040, 27.4088, -17.8943



129.1630, -6.9824, 46.3380



123.5840, -25.9239, 8.2578

Rectangle

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



99.2000, 19.6214, -86.9984



108.9690, 33.5393, -71.0098



129.1630, -6.9824, 46.3380



126.5040, -24.4055, 34.6380

Sweetspot

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



99.2000, 19.6214, -86.9984



167.3270, 7.2338, -33.6128



84.8490, -41.8306, -70.0276



82.0190, 4.4276, -20.1877



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.



99.2000, 19.6214, -86.9984



128.5280, 25.3757, -112.7191



60.8000, 40.0316, -53.3216



68.9070, 1.0318, -4.3034



94.2930, 18.5896, -82.6950



5.4940, 0.7425, -4.8182

Inverse Universe

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



42.8000, -19.6214, 86.9984



55.4720, -25.3757, 112.7191



81.2000, -40.0316, 53.3216



66.0930, -1.0318, 4.3034



40.7070, -18.5896, 82.6950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 99.2000, 19.6214, -86.9984 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 99.2000, 19.6214, -86.9984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

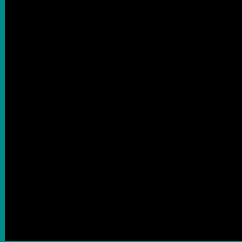
Any Text WCAG AA ✓ Pass

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 99.2000, 19.6214, -86.9984 Background



This preview shows how black text looks on a background with the YUV color 99.2000, 19.6214, -86.9984.



This preview shows how white text looks on a background with the YUV color 99.2000, 19.6214,

-86.9984.

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

99.2000, 19.6214, -86.9984

Protanopia

126.9400, 1.0156, 0.9296

Deuteranopia

127.6720, 7.5567, 2.9187



Tritanopia

107.7660, 21.3144, -69.9548

Trichromacy



Original Color

99.2000, 19.6214, -86.9984

Protanomaly

116.8650, 7.9546, -31.4536

Deuteranomaly

117.3150, 12.1697, -30.0943

Tritanomaly

104.9070, 20.7518, -76.2174

Monochromacy



Original Color

99.2000, 19.6214, -86.9984

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.3380, 7.2284, -31.8684

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2000, 19.6214, -86.9984 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, 142, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 139)  
}
```

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, 142, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 139) }
```

Border

The CSS property to change the border of an element to YUV 99.2000, 19.6214, -86.9984 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, 142, 139) }
```


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

```
.border{ border-color:rgb(0, 142, 139) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 99.2000, 19.6214, -86.9984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 139) }
```

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

```
.background{ background-color: rgb(0, 142,  
139) }
```

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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