

Converting Colors

YUV(113.6930, 21.8434,
-99.7088)

Have a look what the booklet for
YUV(113.6930, 21.8434, -99.7088)
contains.

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Color

**YUV(113.6930, 21.8434,
-99.7088)**

Conversions

Conversions Part 1

Format	Color
Hex	00A39E
RGB	0, 163, 158
RGB Percent	0%, 64%, 62%
CMY	1.0000, 0.3608, 0.3804
CMYK	1.00, 0.00, 0.03, 0.36
HSL	178°, 100%, 32%
HSV	178°, 100%, 64%
XYZ	19.2687, 28.6630, 36.8647
YIQ	113.6930, -95.5430, -36.1110

Conversions

Conversions Part 2

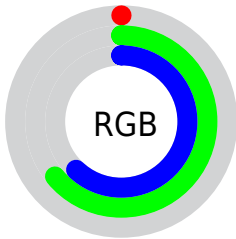
Format	Color
RYB	0, 83, 163
Decimal	41886
CIELab	60.48, -35.94, -7.53
CIELCh	60, 36.723, 191.829
Yxy	28.6630, 0.2272, 0.3380
Android (android.graphics.Color)	4278231966 (0xFF00A39E)
YUV	113.6930, 21.8434, -99.7088
Hunter-Lab	53.5378, -29.4475, -3.3490

Details

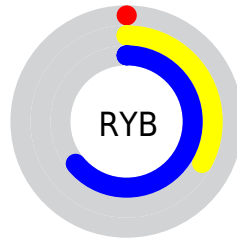
The YUV color **113.6930, 21.8434, -99.7088** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **49.3070, -21.8434, 99.7088**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6420, 15.9525, -76.8620**, and **76.7680, 14.9044, -67.3255** is the 20% darker color. If you saturate the color by 10%, you get **113.6930, 21.8434, -99.7088**, and if you desaturate by 10%, it is **118.5910, 19.9216, -89.9723**.

Distribution



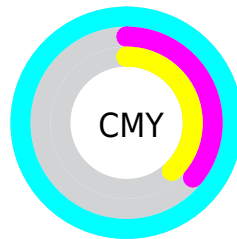
- Red (0%)
- Green (64%)
- Blue (62%)



- Red (0%)
- Yellow (33%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.6930, 21.8434, -99.7088 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 113.6930, 21.8434, -99.7088 by changing the saturation by 10% instead.

■ 113.6930, 21.8434,
-99.7088

■ 113.6930, 21.8434,
-99.7088

■ 255.0000, 0.0000,
0.0000

■ 94.8800, 18.3002,
-83.2098

■ 180.6420, 15.9525,
-76.8620

■ 76.7680, 14.9044,
-67.3255

■ 209.5390, 15.5103,
-75.0177

■ 59.3570, 11.6560,
-52.0561

■ 224.8010, 14.8881,
-62.0925

■ 42.6470, 8.5550,
-37.4014

■ 233.7710, 10.4659,
-43.6492

■ 27.8120, 5.0227,
-24.3911

■ 243.0400, 5.8963,
-24.5911

■ 4.4000, 6.7048,
-3.8588

■ 252.0100, 1.4741,

■ 0.0000, 0.0000,

-6.1478

0.0000

■ 113.6930, 21.8434,
-99.7088

■ 118.5910, 19.9216,
-89.9723

■ 123.6740, 17.4157,
-79.5211

■ 128.5720, 15.4940,
-69.7846

■ 133.3560, 13.1355,
-59.9482

■ 138.5530, 11.0664,
-49.5970

■ 143.3370, 8.7079,
-39.7605

■ 148.2350, 6.7861,
-30.0241

■ 153.0190, 4.4276,
-20.1877

■ 158.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



131.4810, -3.1951, -48.6568



113.6930, 21.8434, -99.7088



115.9390, 35.5261, -101.6785

Triad

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



113.6930, 21.8434, -99.7088



149.8210, 21.7802, 14.1890



144.7120, -29.9310, 33.5786

Complementary

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



113.6930, 21.8434, -99.7088



49.3070, -21.8434, 99.7088

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.



146.5150, -20.9599, 49.5373



113.6930, 21.8434, -99.7088



149.8430, 8.4584, 40.4797

Square

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



113.6930, 21.8434, -99.7088



144.5220, 31.7877, -22.3828



147.9080, -6.8566, 52.7007



142.1560, -30.1499, 10.3872

Rectangle

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



113.6930, 21.8434, -99.7088



122.6620, 39.1136, -85.6496



147.9080, -6.8566, 52.7007



145.3260, -27.7687, 40.0561

Sweetspot

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



113.6930, 21.8434, -99.7088



192.6360, 8.5605, -39.1458



97.1760, -47.9078, -80.8384



95.5240, 5.1647, -23.2615



235.0000, 0.0000, 0.0000



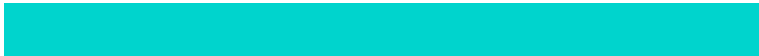
107.0000, 0.0000, 0.0000

Same Dimension

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



113.6930, 21.8434, -99.7088



147.8140, 28.1927, -129.6329



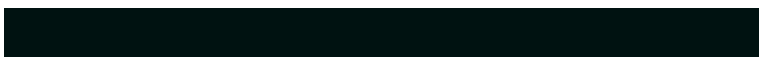
69.6510, 46.0211, -61.0839



79.1950, 0.8899, -5.4330



101.1890, 19.6268, -88.7428



12.5040, 2.2165, -10.9660

Inverse Universe

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



49.3070, -21.8434, 99.7088



64.0720, -28.6295, 129.7329



93.3490, -46.0211, 61.0839



75.8050, -0.8899, 5.4330



43.8110, -19.6268, 88.7428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 113.6930, 21.8434, -99.7088 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 113.6930, 21.8434, -99.7088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

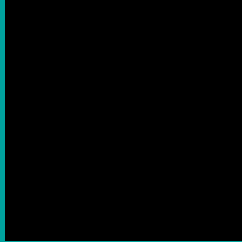
Any Text WCAG AA ✓ Pass

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 113.6930, 21.8434, -99.7088 Background



This preview shows how black text looks on a background with the YUV color 113.6930, 21.8434, -99.7088.



This preview shows how white text looks on a background with the YUV color 113.6930, 21.8434, -99.7088.

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

145.2390, 0.8682, 1.5444

Deuteranopia

146.4980, 8.1355, 3.9483

Tritanopia

124.5090, 24.3991, -79.3764

Trichromacy



Protanomaly

133.9570, 8.4022, -35.0423

Deuteranomaly

134.5210, 13.0541, -33.7829

Tritanomaly

120.8240, 23.2578, -86.6686

Monochromacy



Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1310, 7.8234, -36.0719

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6930, 21.8434, -99.7088 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, 163, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 158)  
}
```

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, 163, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 158) }
```

Border

The CSS property to change the border of an element to YUV 113.6930, 21.8434, -99.7088 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, 163, 158) }
```

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

```
.border{ border-color:rgb(0, 163, 158) }
```

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

Here you see how a box with a 4 pixel rgb(0, 163, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 163,  
158) }
```


Background

The CSS property to change the background color of an element to YUV 113.6930, 21.8434, -99.7088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 158) }
```

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

```
.background{ background-color: rgb(0, 163,  
158) }
```

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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