

Converting Colors

YUV(122.1310, 30.9944,
-94.8309)

Have a look what the booklet for
YUV(122.1310, 30.9944, -94.8309)
contains.

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Color

**YUV(122.1310, 30.9944,
-94.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	0EA5B9
RGB	14, 165, 185
RGB Percent	5%, 65%, 73%
CMY	0.9451, 0.3529, 0.2745
CMYK	0.92, 0.11, 0.00, 0.27
HSL	187°, 86%, 39%
HSV	187°, 92%, 73%
XYZ	22.3932, 30.5064, 50.6070
YIQ	122.1310, -96.4160, -25.7920

Conversions

Conversions Part 2

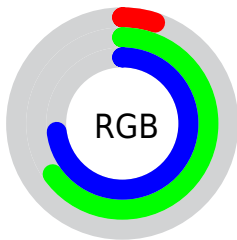
Format	Color
RYB	14, 94, 185
Decimal	959929
CIELab	62.09, -27.78, -20.29
CIELCh	62, 34.396, 216.143
Yxy	30.5064, 0.2163, 0.2947
Android (android.graphics.Color)	4279150009 (0xFF0EA5B9)
YUV	122.1310, 30.9944, -94.8309
Hunter-Lab	55.2326, -24.2870, -15.6618

Details

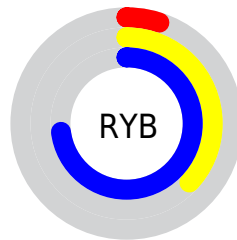
The YUV color **122.1310, 30.9944, -94.8309** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **76.8690, -30.9944, 94.8309**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5140, 26.8616, -75.8728**, and **81.3790, 24.9562, -71.3694** is the 20% darker color. If you saturate the color by 10%, you get **116.7710, 33.6369, -102.4082**, and if you desaturate by 10%, it is **128.9860, 27.6149, -84.1797**.

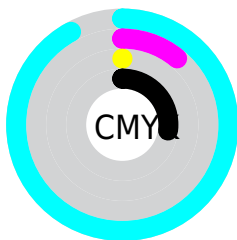
Distribution



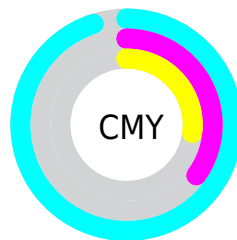
- Red (5%)
- Green (65%)
- Blue (73%)



- Red (5%)
- Yellow (37%)
- Blue (73%)



- Cyan (92%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



- Cyan (95%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1310, 30.9944, -94.8309 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 122.1310, 30.9944, -94.8309 by changing the saturation by 10% instead.

■ 122.1310, 30.9944,
-94.8309

■ 122.1310, 30.9944,
-94.8309

■ 255.0000, 0.0000,
0.0000

■ 99.0180, 29.0781,
-86.8388

■ 186.5140, 26.8616,
-75.8728

■ 81.3790, 24.9562,
-71.3694

■ 214.7010, 19.8674,
-72.5288

■ 63.8540, 21.2710,
-56.0000

■ 227.1930, 13.7089,
-57.1743

■ 46.9160, 17.2964,
-41.1453

■ 236.4620, 9.1392,
-38.1162

■ 31.3800, 13.6167,
-27.5203

■ 245.4320, 4.7170,
-19.6729

■ 13.7240, 11.9681,
-12.0359

■ 254.7010, 0.1474,

■ 2.2970, 6.2626,

-0.6148

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 122.1310, 30.9944,
-94.8309

■ 122.1310, 30.9944,
-94.8309

■ 116.7710, 33.6369,
-102.4082

■ 128.9860, 27.6149,
-84.1797

■ 135.5420, 24.3828,
-74.1433

■ 142.0980, 21.1507,
-64.1069

■ 149.5400, 17.4818,
-53.9706

■ 156.0960, 14.2497,
-43.9342

■ 162.9510, 10.8702,
-33.2830

■ 169.8060, 7.4906,
-22.6319

■ 176.3620, 4.2585,
-12.5955

■ 183.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



130.4750, 12.5838, -69.6996



122.1310, 30.9944, -94.8309



135.8280, 34.1018, -64.7472

Triad

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



122.1310, 30.9944, -94.8309



154.2660, 10.2219, 34.8467



147.2320, -28.7084, 14.7055

Complementary

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



122.1310, 30.9944, -94.8309



76.8690, -30.9944, 94.8309

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.



149.8200, -27.0263, 35.2379



122.1310, 30.9944, -94.8309



152.9830, -3.9356, 49.1269

Square

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



122.1310, 30.9944, -94.8309



153.3040, 22.5281, 7.6264



151.4270, -17.4655, 48.7375



143.9020, -21.6437, -11.3151

Rectangle

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



122.1310, 30.9944, -94.8309



143.9390, 32.5681, -39.4115



151.4270, -17.4655, 48.7375



148.4610, -29.3143, 22.3977

Sweetspot

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



122.1310, 30.9944, -94.8309



215.2710, 12.1914, -37.0717



116.6570, -40.7499, -90.0302



104.8060, 7.4906, -22.6319



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



122.1310, 30.9944, -94.8309



151.8040, 43.4806, -133.1321



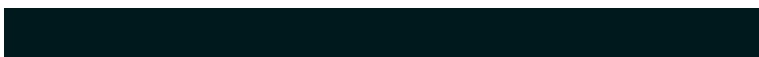
72.2360, 55.5927, -51.0730



88.7220, 1.6161, -5.0182



98.2030, 28.4939, -86.1240



17.8670, 4.9956, -15.6694

Inverse Universe

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



82.3430, 40.7499, 90.0302



95.9280, 57.2235, 126.3511



126.7640, -55.5927, 51.0730



86.6030, 2.1677, 4.7332



62.2620, 36.8458, 82.2082



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 122.1310, 30.9944, -94.8309 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 122.1310, 30.9944, -94.8309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

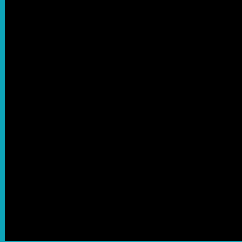
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 122.1310, 30.9944, -94.8309

Background



This preview shows how black text looks on a background with the YUV color 122.1310, 30.9944, -94.8309.

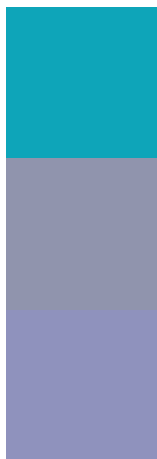


This preview shows how white text looks on a background with the YUV color 122.1310, 30.9944, -94.8309.

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

122.1310, 30.9944, -94.8309

Protanopia

149.6540, 11.5096, -4.9586

Deuteranopia

150.0050, 19.2245, -6.1434



Tritanopia

117.8480, 30.1479, -103.3527

Trichromacy



Original Color

122.1310, 30.9944, -94.8309

Protanomaly

139.5790, 18.4486, -37.3418

Deuteranomaly

139.9470, 23.6901, -38.5415

Tritanomaly

119.5710, 30.2845, -100.4788

Monochromacy



Original Color

122.1310, 30.9944, -94.8309

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.3530, 11.1650, -34.5126

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1310, 30.9944, -94.8309 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(14, 165, 185)` looks like.

```
.text, #text, p{  
    color:rgb(14, 165, 185)  
}
```

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(14, 165, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 165, 185) }
```

Border

The CSS property to change the border of an element to YUV 122.1310, 30.9944, -94.8309 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(14, 165, 185) }
```


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

```
.border{ border-color:rgb(14, 165, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 165, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 165, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 165, 185);  
box-shadow:4px 4px 4px 4px rgb(14, 165,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 122.1310, 30.9944, -94.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 165, 185) }
```

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

```
.background{ background-color: rgb(14, 165,  
185) }
```

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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