

Converting Colors

YUV(122.7550, 31.1798,
-107.6561)

Have a look what the booklet for
YUV(122.7550, 31.1798, -107.6561)
contains.

YUV(122.7550, 31.1798, -107.6561)	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(122.7550, 31.1798,
-107.6561)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADBA
RGB	0, 173, 186
RGB Percent	0%, 68%, 73%
CMY	1.0000, 0.3216, 0.2706
CMYK	1.00, 0.07, 0.00, 0.27
HSL	184°, 100%, 36%
HSV	184°, 100%, 73%
XYZ	23.8065, 33.4323, 51.6527
YIQ	122.7550, -107.2810, -32.6330

Conversions

Conversions Part 2

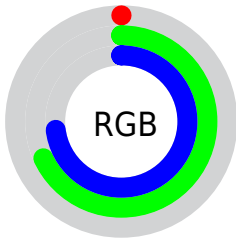
Format	Color
RYB	0, 90, 186
Decimal	44474
CIELab	64.51, -31.85, -17.17
CIELCh	65, 36.181, 208.336
Yxy	33.4323, 0.2186, 0.3070
Android (android.graphics.Color)	4278234554 (0xFF00ADBA)
YUV	122.7550, 31.1798, -107.6561
Hunter-Lab	57.8207, -27.6924, -12.4908

Details

The YUV color **122.7550, 31.1798, -107.6561** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **63.2450, -31.1798, 107.6561**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6120, 24.8413, -81.2207**, and **85.6020, 23.3672, -75.0730** is the 20% darker color. If you saturate the color by 10%, you get **122.7550, 31.1798, -107.6561**, and if you desaturate by 10%, it is **129.0230, 28.0897, -96.4902**.

Distribution



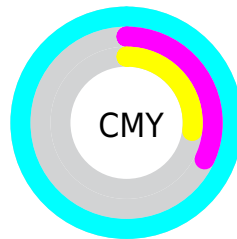
- Red (0%)
- Green (68%)
- Blue (73%)



- Red (0%)
- Yellow (35%)
- Blue (73%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.7550, 31.1798, -107.6561 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 122.7550, 31.1798, -107.6561 by changing the saturation by 10% instead.

■ 122.7550, 31.1798,
-107.6561

■ 122.7550, 31.1798,
-107.6561

255.0000, 0.0000,
0.0000

■ 103.8280, 27.1998,
-91.0572

■ 191.6120, 24.8413,
-81.2207

■ 85.6020, 23.3672,
-75.0730

■ 217.9240, 18.2785,
-76.2323

■ 68.0770, 19.6820,
-59.7035

■ 227.1930, 13.7089,
-57.1743

■ 51.1390, 15.7075,
-44.8489

■ 236.1630, 9.2866,
-38.7310

■ 34.4290, 12.6065,
-30.1942

■ 245.4320, 4.7170,
-19.6729

■ 19.7080, 9.5110,
-17.2839

254.7010, 0.1474,

■ 2.5250, 7.1362,

-0.6148

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 122.7550, 31.1798,
-107.6561

■ 129.0230, 28.0897,
-96.4902

■ 135.5790, 24.8576,
-86.4538

■ 141.8470, 21.7674,
-75.2878

■ 147.8160, 18.8247,
-64.7366

■ 154.0840, 15.7346,
-53.5707

■ 160.9390, 12.3551,
-42.9195

■ 166.9080, 9.4124,
-32.3683

■ 173.1760, 6.3222,
-21.2024

■ 179.7320, 3.0901,
-11.1660

Harmonies

Analogous

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



138.1180, 7.3368, -66.7555



122.7550, 31.1798, -107.6561



136.4130, 36.7714, -81.0462

Triad

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



122.7550, 31.1798, -107.6561



160.4980, 15.0375, 30.2583



154.2930, -31.2034, 21.6680

Complementary

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



122.7550, 31.1798, -107.6561



63.2450, -31.1798, 107.6561

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.



156.8640, -27.0480, 42.2153



122.7550, 31.1798, -107.6561



159.7210, 0.1375, 49.3567

Square

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



122.7550, 31.1798, -107.6561



158.6880, 26.7758, -1.4804



158.3180, -15.4398, 52.3411



151.0940, -26.1753, -4.4674

Rectangle

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



122.7550, 31.1798, -107.6561



146.3610, 35.8110, -52.9366



158.3180, -15.4398, 52.3411



155.1630, -30.6464, 29.6750

Sweetspot

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



122.7550, 31.1798, -107.6561



217.5370, 12.0603, -41.6899



110.5500, -48.5851, -96.9523



107.0830, 7.3541, -25.5058



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



122.7550, 31.1798, -107.6561



159.6630, 40.5921, -140.0245



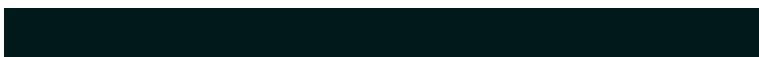
68.7510, 57.8038, -60.2946



88.7220, 1.6161, -5.0182



102.8990, 26.1788, -90.2424



18.4540, 4.7062, -16.1842

Inverse Universe

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



75.3360, 48.1484, 97.0523



98.0080, 62.6071, 126.2810



117.2490, -57.8038, 60.2946



86.6030, 2.1677, 4.7332



63.1740, 40.3402, 81.4084



11.3360, 7.2294, 14.6143

Previews

White Background



This preview shows how the YUV color 122.7550, 31.1798, -107.6561 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 122.7550, 31.1798, -107.6561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

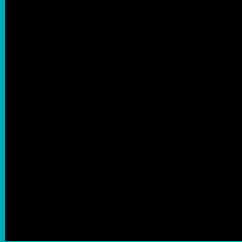
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

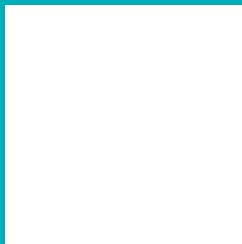
Any Text WCAG AAA ✓ Pass

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

YUV 122.7550, 31.1798, -107.6561 Background



This preview shows how black text looks on a background with the YUV color 122.7550, 31.1798, -107.6561.



This preview shows how white text looks on a background with the YUV color 122.7550, 31.1798, -107.6561.

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

122.7550, 31.1798, -107.6561

Protanopia

155.9810, 8.8834, -2.6143

Deuteranopia

156.7450, 16.8877, -3.2844



Tritanopia

125.8590, 30.1425, -101.6083

Trichromacy



Original Color

122.7550, 31.1798, -107.6561

Protanomaly

143.8020, 16.8596, -41.0454

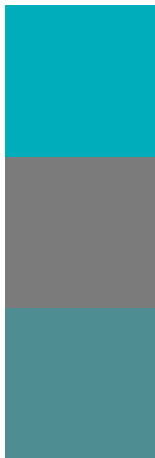
Deuteranomaly

144.4690, 21.9538, -41.6303

Tritanomaly

124.6630, 30.7321, -104.0675

Monochromacy



Original Color

122.7550, 31.1798, -107.6561

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.7330, 11.4706, -39.2308

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.7550, 31.1798, -107.6561 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, 173, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 186)  
}
```

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, 173, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 186) }
```

Border

The CSS property to change the border of an element to YUV 122.7550, 31.1798, -107.6561 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, 173, 186) }
```


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

```
.border{ border-color:rgb(0, 173, 186) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 122.7550, 31.1798, -107.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 186) }
```

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

```
.background{ background-color: rgb(0, 173,  
186) }
```

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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