

Converting Colors

YUV(122.3990, 11.1423,
-74.0179)

Have a look what the booklet for
YUV(122.3990, 11.1423, -74.0179)
contains.

YUV(122.3990, 11.1423, -74.0179)	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(122.3990, 11.1423,
-74.0179)**

Conversions

Conversions Part 1

Format	Color
Hex	26A191
RGB	38, 161, 145
RGB Percent	15%, 63%, 57%
CMY	0.8510, 0.3686, 0.4314
CMYK	0.76, 0.00, 0.10, 0.37
HSL	172°, 62%, 39%
HSV	172°, 76%, 63%
XYZ	18.6550, 27.9461, 31.1990
YIQ	122.3990, -68.1720, -31.0520

Conversions

Conversions Part 2

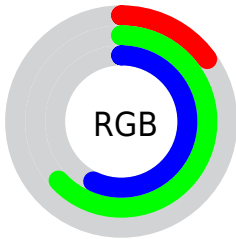
Format	Color
R_{YB}	38, 104, 161
Decimal	2531729
CIE _{Lab}	59.84, -36.32, -1.09
CIE _{LCh}	60, 36.340, 181.726
Yxy	27.9461, 0.2398, 0.3592
Android (android.graphics.Color)	4280721809 (0xFF26A191)
YUV	122.3990, 11.1423, -74.0179
Hunter-Lab	52.8641, -29.5219, 2.0135

Details

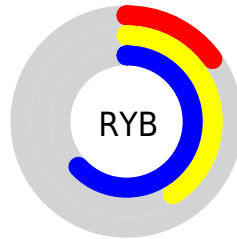
The YUV color **122.3990, 11.1423, -74.0179** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **76.6010, -11.1423, 74.0179**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5740, 9.0840, -67.1554**, and **74.8130, 9.9522, -65.6110** is the 20% darker color. If you saturate the color by 10%, you get **117.3870, 12.6272, -83.6544**, and if you desaturate by 10%, it is **127.4110, 9.6574, -64.3814**.

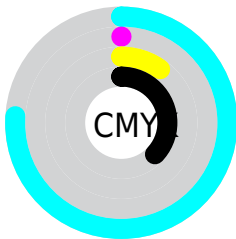
Distribution



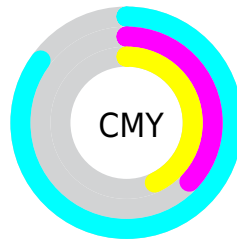
- Red (15%)
- Green (63%)
- Blue (57%)



- Red (15%)
- Yellow (41%)
- Blue (63%)



- Cyan (76%)
- Magenta (0%)
- Yellow (10%)
- Black (37%)



- Cyan (85%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.3990, 11.1423, -74.0179 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 122.3990, 11.1423, -74.0179 by changing the saturation by 10% instead.

■ 122.3990, 11.1423,
-74.0179

■ 122.3990, 11.1423,
-74.0179

■ 255.0000, 0.0000,
0.0000

■ 92.2240, 13.2006,
-80.8804

■ 180.5740, 9.0840,
-67.1554

■ 74.8130, 9.9522,
-65.6110

■ 209.7590, 8.4998,
-66.4406

■ 57.4020, 6.7038,
-50.3416

■ 227.4920, 13.5614,
-56.5595

■ 40.8060, 4.0396,
-35.7869

■ 236.1630, 9.2866,
-38.7310

■ 25.4980, 1.2335,
-22.3617

■ 245.1330, 4.8644,
-20.2876

■ 0.2280, 0.8736,
-0.2000

■ 254.1030, 0.4422,

■ 0.0000, 0.0000,

-1.8443

0.0000

■ 122.3990, 11.1423,
-74.0179

■ 122.3990, 11.1423,
-74.0179

■ 117.3870, 12.6272,
-83.6544

■ 127.4110, 9.6574,
-64.3814

■ 112.3750, 14.1121,
-93.2909

■ 132.4230, 8.1725,
-54.7450

■ 110.4670, 14.5598,
-96.8796

■ 137.4350, 6.6875,
-45.1085

■ 142.4470, 5.2026,
-35.4720

■ 147.4590, 3.7177,
-25.8355

■ 152.8840, 2.5222,
-15.6843

■ 157.8960, 1.0373,
-6.0478

■ 162.9080, -0.4476,
3.5887

■ 167.9200, -1.9326,
13.2252

Harmonies

Analogous

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



132.5380, -9.6322, -37.3058



122.3990, 11.1423, -74.0179



114.0980, 31.0107, -100.0639

Triad

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



122.3990, 11.1423, -74.0179



146.7810, 25.7440, 2.8231



144.1410, -27.1845, 39.3413

Complementary

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



122.3990, 11.1423, -74.0179



76.6010, -11.1423, 74.0179

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.



145.3780, -16.4554, 51.4115



122.3990, 11.1423, -74.0179



148.3520, 13.1375, 33.0173

Square

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



122.3990, 11.1423, -74.0179



139.3030, 33.8676, -36.2227



147.2650, -1.6096, 49.7566



141.6840, -30.9032, 18.6941

Rectangle

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



122.3990, 11.1423, -74.0179



114.1610, 38.8676, -100.1192



147.2650, -1.6096, 49.7566



144.5700, -24.4380, 45.1041

Sweetspot

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



122.3990, 11.1423, -74.0179



193.9640, 4.4547, -28.9094



114.9850, -37.9536, -53.4838



95.5740, 2.6750, -18.0434



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



122.3990, 11.1423, -74.0179



148.7420, 17.3822, -115.5377



97.8080, 31.1537, -52.4516



79.1950, 0.8899, -5.4330



99.4790, 13.0749, -87.2431



12.3900, 1.7797, -10.8660

Inverse Universe

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



76.6010, -11.1423, 74.0179



77.2580, -17.3822, 115.5377



101.1920, -31.1537, 52.4516



75.9190, -0.4531, 5.3330



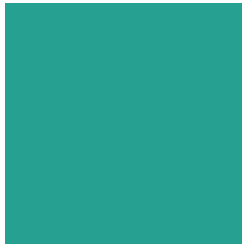
45.5210, -13.0749, 87.2431



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 122.3990, 11.1423, -74.0179 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 122.3990, 11.1423, -74.0179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

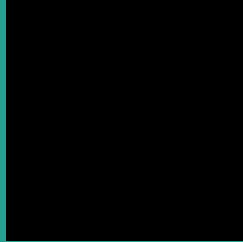
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.3990, 11.1423, -74.0179

Background



This preview shows how black text looks on a background with the YUV color 122.3990, 11.1423, -74.0179.



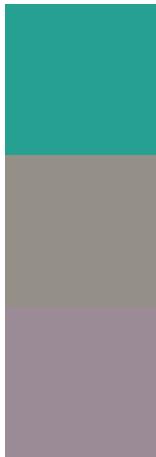
This preview shows how white text looks on a background with the YUV color 122.3990, 11.1423, -74.0179.

-74.0179.

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

122.3990, 11.1423, -74.0179

Protanopia

143.5830, -4.2314, 3.8737

Deuteranopia

144.7390, 2.5937, 8.1219



Tritanopia

127.6850, 20.8613, -64.6217

Trichromacy



Original Color

122.3990, 11.1423, -74.0179

Protanomaly

136.1880, 1.3863, -24.7209

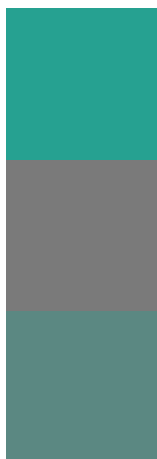
Deuteranomaly

136.6490, 5.5960, -21.6172

Tritanomaly

125.4520, 17.5252, -67.9254

Monochromacy



Original Color

122.3990, 11.1423, -74.0179

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8610, 4.0125, -27.0651

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3990, 11.1423, -74.0179 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(38, 161, 145)` looks like.

```
.text, #text, p{  
    color:rgb(38, 161, 145)  
}
```

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(38, 161, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 161, 145) }
```

Border

The CSS property to change the border of an element to YUV 122.3990, 11.1423, -74.0179 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(38, 161, 145) }
```


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

```
.border{ border-color:rgb(38, 161, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 161, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(38, 161, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(38, 161, 145); box-shadow:4px 4px 4px 4px rgb(38, 161, 145) }
```

Background

The CSS property to change the background color of an element to YUV 122.3990, 11.1423, -74.0179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 161, 145) }
```

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

```
.background{ background-color: rgb(38, 161,  
145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor