

Converting Colors

YUV(121.9710, 6.9163,
-71.8886)

Have a look what the booklet for
YUV(121.9710, 6.9163, -71.8886)
contains.

YUV(121.9710, 6.9163, -71.8886)	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(121.9710, 6.9163,
-71.8886)**

Conversions

Conversions Part 1

Format	Color
Hex	28A188
RGB	40, 161, 136
RGB Percent	16%, 63%, 53%
CMY	0.8431, 0.3686, 0.4667
CMYK	0.75, 0.00, 0.16, 0.37
HSL	168°, 60%, 39%
HSV	168°, 75%, 63%
XYZ	18.0639, 27.7184, 27.6907
YIQ	121.9710, -64.0910, -33.4270

Conversions

Conversions Part 2

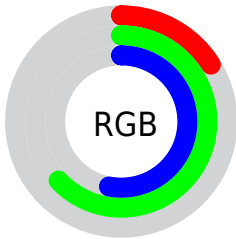
Format	Color
RYB	40, 107, 161
Decimal	2662792
CIELab	59.63, -38.54, 3.69
CIElCh	60, 38.712, 174.531
Yxy	27.7184, 0.2459, 0.3773
Android (android.graphics.Color)	4280852872 (0xFF28A188)
YUV	121.9710, 6.9163, -71.8886
Hunter-Lab	52.6483, -30.8903, 5.6699

Details

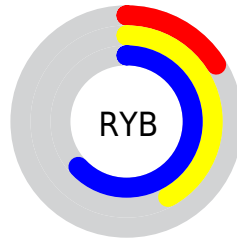
The YUV color **121.9710, 6.9163, -71.8886** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **79.0290, -6.9163, 71.8886**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.3200, 4.2792, -66.0556**, and **73.2000, 6.3104, -64.1964** is the 20% darker color. If you saturate the color by 10%, you get **116.8450, 7.9644, -81.4251**, and if you desaturate by 10%, it is **127.0970, 5.8682, -62.3521**.

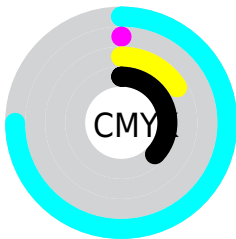
Distribution



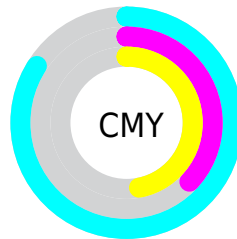
- Red (16%)
- Green (63%)
- Blue (53%)



- Red (16%)
- Yellow (42%)
- Blue (63%)



- Cyan (75%)
- Magenta (0%)
- Yellow (16%)
- Black (37%)



- Cyan (84%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.9710, 6.9163, -71.8886 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 121.9710, 6.9163, -71.8886 by changing the saturation by 10% instead.

■ 121.9710, 6.9163,
-71.8886

■ 121.9710, 6.9163,
-71.8886

■ 255.0000, 0.0000,
0.0000

■ 91.3120, 9.7062,
-80.0806

■ 180.3200, 4.2792,
-66.0556

■ 73.2000, 6.3104,
-64.1964

■ 208.6190, 4.1318,
-65.4409

■ 55.9030, 3.4988,
-49.0269

■ 226.3520, 9.1935,
-55.5597

■ 39.3070, 0.8346,
-34.4722

■ 236.1630, 9.2866,
-38.7310

■ 25.2870, -2.1135,
-22.1767

■ 245.1330, 4.8644,
-20.2876

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,

-1.8443

■ 121.9710, 6.9163,
-71.8886

■ 121.9710, 6.9163,
-71.8886

■ 116.8450, 7.9644,
-81.4251

■ 127.0970, 5.8682,
-62.3521

■ 111.6050, 8.5757,
-90.8616

■ 132.3370, 5.2569,
-52.9155

■ 109.0990, 9.3182,
-95.6798

■ 137.4630, 4.2087,
-43.3791

■ 142.5890, 3.1606,
-33.8426

■ 148.1280, 2.4019,
-23.7913

■ 153.2540, 1.3538,
-14.2548

■ 158.3800, 0.3057,
-4.7183

■ 163.6200, -0.3057,
4.7183

■ 168.7460, -1.3538,
14.2548

Harmonies

Analogous

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



132.6050, -14.5953, -32.1026



121.9710, 6.9163, -71.8886



114.0010, 28.1005, -99.9789

Triad

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



121.9710, 6.9163, -71.8886



144.8660, 30.1391, -6.8985



143.2990, -26.7694, 46.2188

Complementary

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



121.9710, 6.9163, -71.8886



79.0290, -6.9163, 71.8886

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.



144.7960, -13.7034, 55.4299



121.9710, 6.9163, -71.8886



148.1710, 17.6637, 27.9140

Square

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



121.9710, 6.9163, -71.8886



134.2410, 37.8422, -51.0774



146.8890, 2.0267, 50.0863



141.5600, -32.8141, 24.9419

Rectangle

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



121.9710, 6.9163, -71.8886



114.9930, 36.9785, -100.8489



146.8890, 2.0267, 50.0863



144.2440, -23.2913, 50.6520

Sweetspot

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



121.9710, 6.9163, -71.8886



193.5080, 2.7076, -28.5095



118.8010, -38.8489, -46.3065



95.3460, 1.8014, -17.8434



232.0000, 0.0000, 0.0000



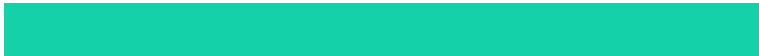
105.0000, 0.0000, 0.0000

Same Dimension

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



121.9710, 6.9163, -71.8886



148.3420, 10.6774, -111.6789



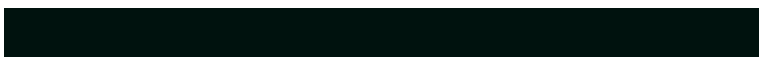
104.8630, 27.6755, -56.8849



79.0810, 0.4531, -5.3330



98.2250, 8.2701, -86.1433



12.1620, 0.9061, -10.6661

Inverse Universe

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



79.0290, -6.9163, 71.8886



81.6580, -10.6774, 111.6789



96.1370, -27.6755, 56.8849



75.9190, -0.4531, 5.3330



46.7750, -8.2701, 86.1433



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 121.9710, 6.9163, -71.8886 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 121.9710, 6.9163, -71.8886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

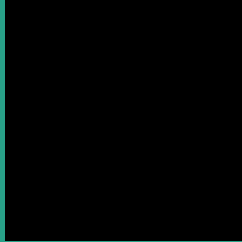
Any Text WCAG AA ✓ Pass

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 121.9710, 6.9163, -71.8886 Background



This preview shows how black text looks on a background with the YUV color 121.9710, 6.9163, -71.8886.



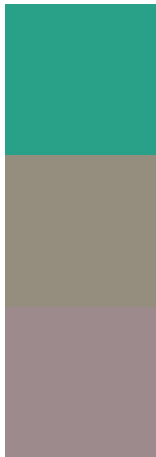
This preview shows how white text looks on a background with the YUV color 121.9710, 6.9163,

-71.8886.

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

121.9710, 6.9163, -71.8886

Protanopia

142.2690, -8.0206, 5.9031

Deuteranopia

144.0230, -1.4903, 11.3808



Tritanopia

128.4790, 19.9769, -60.9331

Trichromacy



Original Color

121.9710, 6.9163, -71.8886



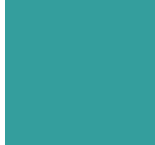
Protanomaly

134.8740, -2.4029, -22.6915



Deuteranomaly

135.6340, 1.6594, -18.9730



Tritanomaly

126.1920, 15.1883, -65.0664

Monochromacy



Original Color

121.9710, 6.9163, -71.8886



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.8180, 2.5547, -26.1504

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9710, 6.9163, -71.8886 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(40, 161, 136)` looks like.

```
.text, #text, p{  
    color:rgb(40, 161, 136)  
}
```

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(40, 161, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 161, 136) }
```

Border

The CSS property to change the border of an element to YUV 121.9710, 6.9163, -71.8886 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(40, 161, 136) }
```


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

```
.border{ border-color:rgb(40, 161, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 161, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 161, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 161, 136);  
box-shadow:4px 4px 4px 4px rgb(40, 161,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 121.9710, 6.9163, -71.8886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 161, 136) }
```

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

```
.background{ background-color: rgb(40, 161,  
136) }
```

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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