

Converting Colors

YUV(122.9350, 18.2730,
-74.4880)

Have a look what the booklet for
YUV(122.9350, 18.2730, -74.4880)
contains.

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Color

**YUV(122.9350, 18.2730,
-74.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	269FA0
RGB	38, 159, 160
RGB Percent	15%, 62%, 63%
CMY	0.8510, 0.3765, 0.3725
CMYK	0.76, 0.01, 0.00, 0.37
HSL	180°, 62%, 39%
HSV	180°, 76%, 63%
XYZ	19.5426, 27.7464, 37.5833
YIQ	122.9350, -72.4370, -25.3410

Conversions

Conversions Part 2

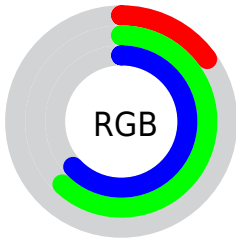
Format	Color
R_{YB}	38, 99, 160
Decimal	2531232
CIE _{Lab}	59.66, -31.01, -9.85
CIE _{LCh}	60, 32.532, 197.622
Yxy	27.7464, 0.2303, 0.3269
Android (android.graphics.Color)	4280721312 (0xFF269FA0)
YUV	122.9350, 18.2730, -74.4880
Hunter-Lab	52.6749, -25.9566, -5.4308

Details

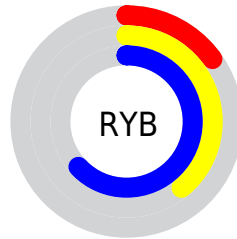
The YUV color **122.9350, 18.2730, -74.4880** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **75.0650, -18.2730, 74.4880**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5230, 16.5042, -67.1107**, and **75.2350, 16.6461, -65.9811** is the 20% darker color. If you saturate the color by 10%, you get **118.1510, 20.6316, -84.3244**, and if you desaturate by 10%, it is **127.7190, 15.9145, -64.6516**.

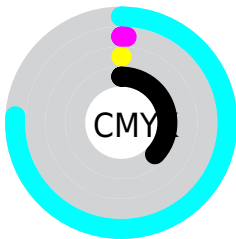
Distribution



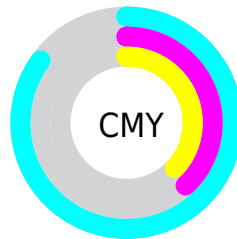
- Red (15%)
- Green (62%)
- Blue (63%)



- Red (15%)
- Yellow (39%)
- Blue (63%)



- Cyan (76%)
- Magenta (1%)
- Yellow (0%)
- Black (37%)



- Cyan (85%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.9350, 18.2730, -74.4880 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 122.9350, 18.2730, -74.4880 by changing the saturation by 10% instead.

■ 122.9350, 18.2730,
-74.4880

■ 122.9350, 18.2730,
-74.4880

■ 255.0000, 0.0000,
0.0000

■ 93.3470, 20.0419,
-81.8653

■ 181.5230, 16.5042,
-67.1107

■ 75.2350, 16.6461,
-65.9811

■ 210.7080, 15.9200,
-66.3959

■ 57.7100, 12.9610,
-50.6117

■ 227.7910, 13.4140,
-55.9447

■ 41.0000, 9.8600,
-35.9570

■ 236.7610, 8.9918,
-37.5014

■ 26.1650, 6.3277,
-22.9467

■ 245.7310, 4.5696,
-19.0581

■ 2.8670, 8.4466,
-2.5144

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 122.9350, 18.2730,
-74.4880

■ 122.9350, 18.2730,
-74.4880

■ 118.1510, 20.6316,
-84.3244

■ 127.7190, 15.9145,
-64.6516

■ 113.3670, 22.9901,
-94.1609

■ 132.5030, 13.5560,
-54.8151

■ 111.5730, 23.8745,
-97.8495

■ 137.2870, 11.1975,
-44.9787

■ 142.6580, 8.5496,
-35.6571

■ 147.4420, 6.1911,
-25.8206

■ 152.2260, 3.8326,
-15.9842

■ 157.0100, 1.4741,
-6.1478

■ 161.7940, -0.8844,
3.6887

■ 166.5780, -3.2430,
13.5251

Harmonies

Analogous

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



130.5890, -0.2904, -46.9976



122.9350, 18.2730, -74.4880



123.1270, 30.5034, -77.2874

Triad

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



122.9350, 18.2730, -74.4880



147.2900, 17.1120, 18.1627



142.7650, -26.9991, 26.5161

Complementary

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



122.9350, 18.2730, -74.4880



75.0650, -18.2730, 74.4880

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.



144.5850, -20.5014, 42.4600



122.9350, 18.2730, -74.4880



147.5070, 4.6800, 39.0204

Square

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



122.9350, 18.2730, -74.4880



144.2090, 26.5190, -12.4613



146.0060, -8.8770, 47.3527



139.9750, -25.6237, 5.2839

Rectangle

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



122.9350, 18.2730, -74.4880



131.5900, 31.7541, -58.3994



146.0060, -8.8770, 47.3527



143.7380, -25.9998, 32.6788

Sweetspot

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



122.9350, 18.2730, -74.4880



194.6480, 7.0755, -29.5093



109.6140, -35.3057, -62.8055



95.4430, 4.7116, -17.9285



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.



122.9350, 18.2730, -74.4880



151.0050, 28.5915, -117.5224



87.7150, 35.6365, -43.6001



76.6080, 1.1793, -4.9182



99.6560, 21.3686, -87.3983



10.5150, 2.2111, -9.2217

Inverse Universe

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



88.2720, 34.8689, 62.9055



96.1820, 55.1263, 98.9414



110.2850, -35.6365, 43.6001



74.3040, 2.3151, 4.1184



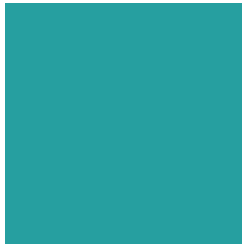
58.9450, 40.9461, 73.7162



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 122.9350, 18.2730, -74.4880 looks on a white background.

Color Contrast Check

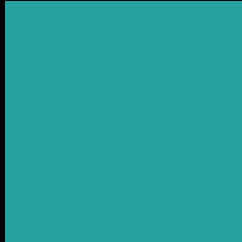
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.9350, 18.2730, -74.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

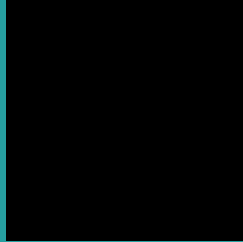
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.9350, 18.2730, -74.4880

Background



This preview shows how black text looks on a background with the YUV color 122.9350, 18.2730, -74.4880.

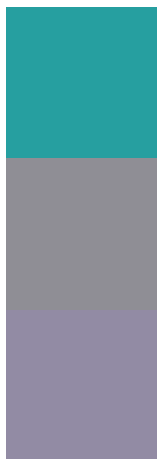


This preview shows how white text looks on a background with the YUV color 122.9350, 18.2730, -74.4880.

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

122.9350, 18.2730, -74.4880

Protanopia

143.0970, 2.9102, -0.0851

Deuteranopia

143.9430, 9.8881, 1.8040



Tritanopia

125.2930, 22.0406, -69.5400

Trichromacy



Original Color

122.9350, 18.2730, -74.4880

Protanomaly

135.7130, 8.5225, -26.9353

Deuteranomaly

136.2770, 13.1744, -25.6759

Tritanomaly

124.5270, 20.4462, -71.4992

Monochromacy



Original Color

122.9350, 18.2730, -74.4880

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8440, 6.4859, -27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9350, 18.2730, -74.4880 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, 159, 160)` looks like.

```
.text, #text, p{  
    color:rgb(38, 159, 160)  
}
```

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, 159, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 159, 160) }
```

Border

The CSS property to change the border of an element to YUV 122.9350, 18.2730, -74.4880 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, 159, 160) }
```


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

```
.border{ border-color:rgb(38, 159, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 159, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(38, 159, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(38, 159, 160); box-shadow:4px 4px 4px 4px rgb(38, 159, 160) }
```

Background

The CSS property to change the background color of an element to YUV 122.9350, 18.2730, -74.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 159, 160) }
```

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

```
.background{ background-color: rgb(38, 159,  
160) }
```

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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