

Converting Colors

YUV(110.7720, 18.8464,
-71.7140)

Have a look what the booklet for
YUV(110.7720, 18.8464, -71.7140)
contains.

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Color

**YUV(110.7720, 18.8464,
-71.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	1D9195
RGB	29, 145, 149
RGB Percent	11%, 57%, 58%
CMY	0.8863, 0.4314, 0.4157
CMYK	0.81, 0.03, 0.00, 0.42
HSL	182°, 67%, 35%
HSV	182°, 81%, 58%
XYZ	16.0569, 22.6819, 31.9655
YIQ	110.7720, -70.4200, -23.3480

Conversions

Conversions Part 2

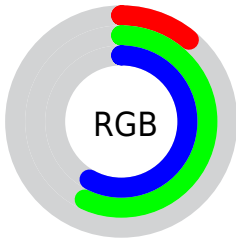
Format	Color
R_{YB}	29, 88, 149
Decimal	1937813
CIE _{Lab}	54.74, -28.52, -10.95
CIE _{LCh}	55, 30.554, 201.007
Yxy	22.6819, 0.2271, 0.3208
Android (android.graphics.Color)	4280127893 (0xFF1D9195)
YUV	110.7720, 18.8464, -71.7140
Hunter-Lab	47.6256, -23.1636, -6.4566

Details

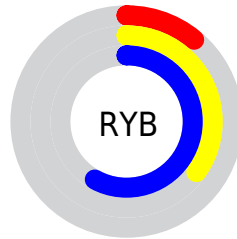
The YUV color **110.7720, 18.8464, -71.7140** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **67.2280, -18.8464, 71.7140**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9580, 16.7827, -63.1072**, and **66.3500, 15.6035, -58.1889** is the 20% darker color. If you saturate the color by 10%, you get **106.2870, 21.0575, -80.9357**, and if you desaturate by 10%, it is **115.2570, 16.6353, -62.4924**.

Distribution



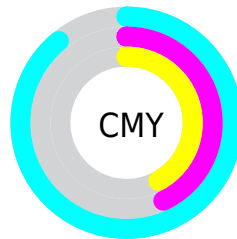
- Red (11%)
- Green (57%)
- Blue (58%)



- Red (11%)
- Yellow (35%)
- Blue (58%)



- Cyan (81%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (89%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.7720, 18.8464, -71.7140 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 110.7720, 18.8464, -71.7140 by changing the saturation by 10% instead.

■ 110.7720, 18.8464,
-71.7140

■ 110.7720, 18.8464,
-71.7140

■ 255.0000, 0.0000,
0.0000

■ 83.8750, 19.2886,
-73.5584

■ 168.9580, 16.7827,
-63.1072

■ 66.3500, 15.6035,
-58.1889

■ 198.1430, 16.1985,
-62.3924

■ 49.6400, 12.5025,
-43.5343

■ 225.3990, 14.5933,
-60.8629

■ 33.5170, 9.1121,
-29.3944

■ 234.0700, 10.3185,
-43.0344

■ 18.7960, 6.0166,
-16.4841

■ 243.0400, 5.8963,
-24.5911

■ 0.5700, 2.1840,
-0.4999

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 110.7720, 18.8464,
-71.7140

■ 110.7720, 18.8464,
-71.7140

■ 106.2870, 21.0575,
-80.9357

■ 115.2570, 16.6353,
-62.4924

■ 101.5140, 23.4106,
-89.0278

■ 120.3290, 14.1348,
-53.7855

■ 124.8140, 11.9237,
-44.5639

■ 129.8860, 9.4232,
-35.8570

■ 134.3710, 7.2121,
-26.6354

■ 139.1440, 4.8590,
-18.5433

■ 143.6290, 2.6479,
-9.3216

■ 148.7010, 0.1474,
-0.6148

■ 153.1860, -2.0637,
8.6069

Harmonies

Analogous

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



118.4580, 1.7462, -46.8827



110.7720, 18.8464, -71.7140



113.0140, 28.5871, -69.2953

Triad

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



110.7720, 18.8464, -71.7140



134.9050, 14.3438, 19.3773



130.1990, -25.2411, 22.6275

Complementary

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



110.7720, 18.8464, -71.7140



67.2280, -18.8464, 71.7140

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.



131.9650, -20.1957, 37.7417



110.7720, 18.8464, -71.7140



134.0400, 2.9383, 37.6759

Square

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



110.7720, 18.8464, -71.7140



131.8460, 23.7399, -7.7579



132.7560, -9.7397, 44.0640



127.3490, -22.8501, 2.3249

Rectangle

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



110.7720, 18.8464, -71.7140



120.6620, 29.2536, -49.6926



132.7560, -9.7397, 44.0640



130.7590, -24.5312, 28.2754

Sweetspot

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



110.7720, 18.8464, -71.7140



178.7730, 7.5069, -27.8649



99.8960, -32.9797, -62.1758



88.0410, 4.4168, -16.6990



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



110.7720, 18.8464, -71.7140



134.2660, 29.4489, -112.4893



75.5520, 36.2099, -40.8261



71.9070, 1.0318, -4.3034



93.8030, 21.7891, -82.2652



7.0100, 1.4741, -6.1478

Inverse Universe

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



78.1040, 32.9797, 62.1758



82.9600, 51.7847, 97.3821



102.4480, -36.2099, 40.8261



69.8910, 2.0257, 3.6036



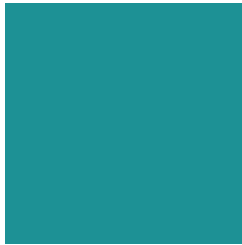
56.4240, 37.7520, 71.5422



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 110.7720, 18.8464, -71.7140 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 110.7720, 18.8464, -71.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

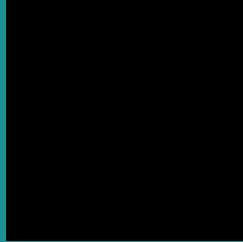
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.7720, 18.8464, -71.7140

Background



This preview shows how black text looks on a background with the YUV color 110.7720, 18.8464, -71.7140.

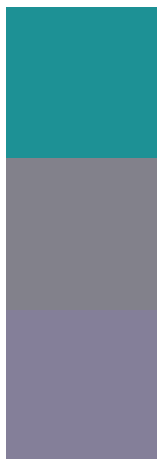


This preview shows how white text looks on a background with the YUV color 110.7720, 18.8464, -71.7140.

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

110.7720, 18.8464, -71.7140

Protanopia

130.4390, 4.2206, -0.3850

Deuteranopia

131.4590, 10.6197, 0.4745



Tritanopia

112.7770, 21.3089, -68.2104

Trichromacy



Original Color

110.7720, 18.8464, -71.7140

Protanomaly

123.3540, 9.6855, -26.6205

Deuteranomaly

124.3910, 13.6112, -25.7759

Tritanomaly

111.8370, 20.2934, -69.1400

Monochromacy



Original Color

110.7720, 18.8464, -71.7140

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.6700, 7.0647, -26.0206

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.7720, 18.8464, -71.7140 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(29, 145, 149)` looks like.

```
.text, #text, p{  
    color:rgb(29, 145, 149)  
}
```

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(29, 145, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 145, 149) }
```

Border

The CSS property to change the border of an element to YUV 110.7720, 18.8464, -71.7140 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(29, 145, 149) }
```


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

```
.border{ border-color:rgb(29, 145, 149) }
```

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

Here you see how a box with a 4 pixel rgb(29, 145, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 145, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 145, 149);  
box-shadow:4px 4px 4px 4px rgb(29, 145,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 110.7720, 18.8464, -71.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 145, 149) }
```

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

```
.background{ background-color: rgb(29, 145,  
149) }
```

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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