

Converting Colors

YUV(119.7280, 18.8681,
-78.6915)

Have a look what the booklet for
YUV(119.7280, 18.8681, -78.6915)
contains.

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Color

**YUV(119.7280, 18.8681,
-78.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	1E9E9E
RGB	30, 158, 158
RGB Percent	12%, 62%, 62%
CMY	0.8824, 0.3804, 0.3804
CMYK	0.81, 0.00, 0.00, 0.38
HSL	180°, 68%, 37%
HSV	180°, 81%, 62%
XYZ	18.9338, 27.1984, 36.5996
YIQ	119.7280, -76.2880, -27.1360

Conversions

Conversions Part 2

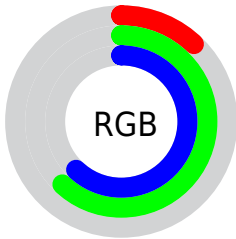
Format	Color
R_{YB}	30, 94, 158
Decimal	2006686
CIE _{Lab}	59.16, -31.94, -9.48
CIE _{LCh}	59, 33.317, 196.528
Yxy	27.1984, 0.2289, 0.3288
Android (android.graphics.Color)	4280196766 (0xFF1E9E9E)
YUV	119.7280, 18.8681, -78.6915
Hunter-Lab	52.1520, -26.4615, -5.1025

Details

The YUV color **119.7280, 18.8681, -78.6915** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **68.2720, -18.8681, 78.6915**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5120, 16.5096, -68.8550**, and **74.4200, 16.0619, -65.2663** is the 20% darker color. If you saturate the color by 10%, you get **114.9440, 21.2266, -88.5279**, and if you desaturate by 10%, it is **124.5120, 16.5096, -68.8550**.

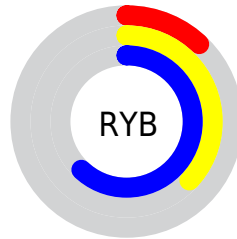
Distribution



Red (12%)

Green (62%)

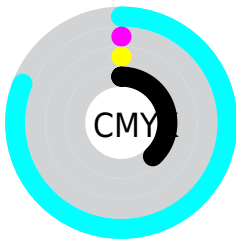
Blue (62%)



Red (12%)

Yellow (37%)

Blue (62%)

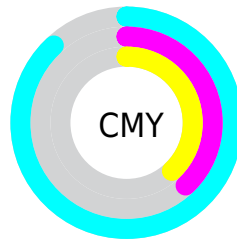


Cyan (81%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (88%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7280, 18.8681, -78.6915 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 119.7280, 18.8681, -78.6915 by changing the saturation by 10% instead.

■ 119.7280, 18.8681,
-78.6915

■ 119.7280, 18.8681,
-78.6915

■ 255.0000, 0.0000,
0.0000

■ 92.5320, 19.4577,
-81.1506

■ 179.5120, 16.5096,
-68.8550

■ 74.4200, 16.0619,
-65.2663

■ 208.6970, 15.9254,
-68.1403

■ 57.0090, 12.8136,
-49.9969

■ 226.5950, 14.0037,
-58.4038

■ 40.2990, 9.7126,
-35.3422

■ 235.5650, 9.5815,
-39.9605

■ 26.0510, 5.8909,
-22.8467

■ 244.5350, 5.1592,
-21.5172

■ 2.6390, 7.5730,
-2.3144

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 119.7280, 18.8681,
-78.6915

■ 119.7280, 18.8681,
-78.6915

■ 114.9440, 21.2266,
-88.5279

■ 124.5120, 16.5096,
-68.8550

■ 110.7580, 23.2903,
-97.1348

■ 129.2960, 14.1511,
-59.0186

■ 133.7810, 11.9400,
-49.7969

■ 138.5650, 9.5815,
-39.9605

■ 143.3490, 7.2229,
-30.1241

■ 148.1330, 4.8644,
-20.2876

■ 152.9170, 2.5059,
-10.4512

■ 157.4020, 0.2948,
-1.2296

■ 162.1860, -2.0637,
8.6069

Harmonies

Analogous

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



129.1760, -0.5798, -47.5124



119.7280, 18.8681, -78.6915



118.2400, 32.4197, -85.2795

Triad

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



119.7280, 18.8681, -78.6915



146.2190, 18.1330, 17.3479



141.3630, -27.2940, 27.7456

Complementary

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



119.7280, 18.8681, -78.6915



68.2720, -18.8681, 78.6915

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.



143.1830, -20.7962, 43.6895



119.7280, 18.8681, -78.6915



146.0340, 5.4062, 39.4352

Square

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



119.7280, 18.8681, -78.6915



142.4260, 27.3980, -14.4056



144.7180, -8.7350, 48.4823



138.7470, -26.4973, 5.4839

Rectangle

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



119.7280, 18.8681, -78.6915



128.7960, 32.6386, -62.0881



144.7180, -8.7350, 48.4823



142.3360, -26.2946, 33.9083

Sweetspot

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



119.7280, 18.8681, -78.6915



192.0500, 7.3703, -30.7389



105.1360, -37.0420, -65.8943



95.7310, 4.5696, -19.0581



232.0000, 0.0000, 0.0000



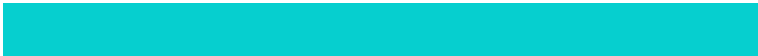
105.0000, 0.0000, 0.0000

Same Dimension

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



119.7280, 18.8681, -78.6915



146.9010, 29.6288, -123.5702



82.1600, 37.3891, -45.7443



76.6080, 1.1793, -4.9182



100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217

Inverse Universe

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



82.8640, 37.0420, 65.8943



89.0130, 58.1676, 103.4746



105.8400, -37.3891, 45.7443



74.3040, 2.3151, 4.1184



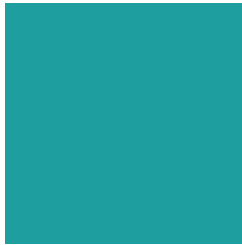
59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 119.7280, 18.8681, -78.6915 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 119.7280, 18.8681, -78.6915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

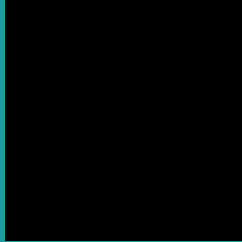
Any Text WCAG AA ✓ Pass

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 119.7280, 18.8681, -78.6915 Background



This preview shows how black text looks on a background with the YUV color 119.7280, 18.8681, -78.6915.



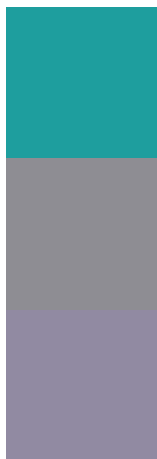
This preview shows how white text looks on a background with the YUV color 119.7280, 18.8681, -78.6915.

-78.6915.

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

119.7280, 18.8681, -78.6915

Protanopia

141.9830, 2.4734, 0.0149

Deuteranopia

142.8290, 9.4513, 1.9040



Tritanopia

122.7980, 22.7776, -72.6138

Trichromacy



Original Color

119.7280, 18.8681, -78.6915

Protanomaly

133.7020, 8.5279, -28.6797

Deuteranomaly

134.2660, 13.1799, -27.4203

Tritanomaly

121.7330, 21.3306, -75.1878

Monochromacy



Original Color

119.7280, 18.8681, -78.6915

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9470, 6.9281, -28.8945

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7280, 18.8681, -78.6915 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(30, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(30, 158, 158)  
}
```

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(30, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 158, 158) }
```

Border

The CSS property to change the border of an element to YUV 119.7280, 18.8681, -78.6915 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(30, 158, 158) }
```


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

```
.border{ border-color:rgb(30, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(30, 158,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 119.7280, 18.8681, -78.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 158, 158) }
```

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

```
.background{ background-color: rgb(30, 158,  
158) }
```

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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