

Converting Colors

YUV(116.9020, 18.2893,
-79.7211)

Have a look what the booklet for
YUV(116.9020, 18.2893, -79.7211)
contains.

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Color

**YUV(116.9020, 18.2893,
-79.7211)**

Conversions

Conversions Part 1

Format	Color
Hex	1A9C9A
RGB	26, 156, 154
RGB Percent	10%, 61%, 60%
CMY	0.8980, 0.3882, 0.3961
CMYK	0.83, 0.00, 0.01, 0.39
HSL	179°, 71%, 36%
HSV	179°, 83%, 61%
XYZ	18.1472, 26.3296, 34.6975
YIQ	116.9020, -76.8380, -28.1820

Conversions

Conversions Part 2

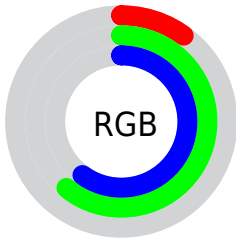
Format	Color
R_{YB}	26, 92, 156
Decimal	1744026
CIE _{Lab}	58.35, -32.56, -8.42
CIE _{LCh}	58, 33.627, 194.502
Yxy	26.3296, 0.2292, 0.3326
Android (android.graphics.Color)	4279934106 (0xFF1A9C9A)
YUV	116.9020, 18.2893, -79.7211
Hunter-Lab	51.3124, -26.6682, -4.1733

Details

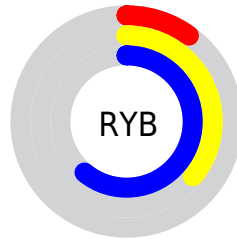
The YUV color **116.9020, 18.2893, -79.7211** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **65.0980, -18.2893, 79.7211**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8710, 15.3466, -69.1699**, and **72.7900, 14.8935, -63.8368** is the 20% darker color. If you saturate the color by 10%, you get **112.1180, 20.6478, -89.5575**, and if you desaturate by 10%, it is **121.6860, 15.9308, -69.8846**.

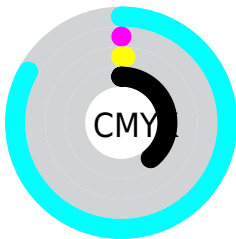
Distribution



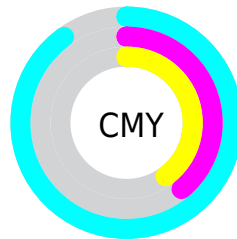
- Red (10%)
- Green (61%)
- Blue (60%)



- Red (10%)
- Yellow (36%)
- Blue (61%)



- Cyan (83%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (90%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9020, 18.2893, -79.7211 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 116.9020, 18.2893, -79.7211 by changing the saturation by 10% instead.

■ 116.9020, 18.2893,
-79.7211

■ 116.9020, 18.2893,
-79.7211

■ 255.0000, 0.0000,
0.0000

■ 90.9020, 18.2893,
-79.7211

■ 176.8710, 15.3466,
-69.1699

■ 72.7900, 14.8935,
-63.8368

■ 206.1700, 15.1992,
-68.5551

■ 55.3790, 11.6452,
-48.5674

■ 225.9970, 14.2985,
-59.6334

■ 39.2560, 8.2548,
-34.4275

■ 234.6680, 10.0237,
-41.8048

■ 25.1220, 4.8699,
-22.0320

■ 243.6380, 5.6015,
-23.3615

■ 2.0690, 5.3890,
-1.8145

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 116.9020, 18.2893,
-79.7211

■ 116.9020, 18.2893,
-79.7211

■ 112.1180, 20.6478,
-89.5575

■ 121.6860, 15.9308,
-69.8846

■ 109.1280, 22.1219,
-95.7053

■ 126.1710, 13.7197,
-60.6630

■ 131.0690, 11.7980,
-50.9265

■ 135.5540, 9.5869,
-41.7049

■ 140.3380, 7.2284,
-31.8684

■ 145.1220, 4.8699,
-22.0320

■ 149.7210, 3.0955,
-12.9103

■ 154.5050, 0.7370,
-3.0739

■ 158.9900, -1.4741,
6.1478

Harmonies

Analogous

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



127.2470, -1.6008, -46.6976



116.9020, 18.2893, -79.7211



111.3310, 34.3468, -96.7603

Triad

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



116.9020, 18.2893, -79.7211



143.7350, 18.8646, 16.0184



139.3740, -27.2994, 29.4900

Complementary

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



116.9020, 18.2893, -79.7211



65.0980, -18.2893, 79.7211

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.



141.0090, -20.2174, 44.7191



116.9020, 18.2893, -79.7211



143.9630, 6.4272, 38.6204

Square

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



116.9020, 18.2893, -79.7211



139.6430, 28.2770, -16.3499



142.3590, -7.5720, 48.7972



136.6440, -26.9395, 7.3282

Rectangle

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



116.9020, 18.2893, -79.7211



124.7030, 33.6704, -66.3915



142.3590, -7.5720, 48.7972



140.1620, -25.7159, 34.9379

Sweetspot

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



116.9020, 18.2893, -79.7211



188.6370, 7.0810, -31.2536



102.9080, -37.9156, -65.6943



92.7310, 4.5696, -19.0581



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



116.9020, 18.2893, -79.7211



142.6620, 28.7606, -125.1146



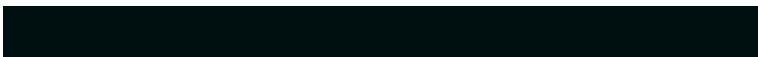
80.1490, 37.3945, -47.4887



76.6080, 1.1793, -4.9182



100.0150, 20.2056, -87.7132



10.5150, 2.2111, -9.2217

Inverse Universe

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



65.0980, -18.2893, 79.7211



61.3380, -28.7606, 125.1146



101.8510, -37.3945, 47.4887



73.3920, -1.1793, 4.9182



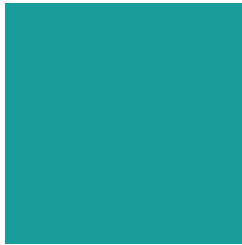
42.9850, -20.2056, 87.7132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 116.9020, 18.2893, -79.7211 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 116.9020, 18.2893, -79.7211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

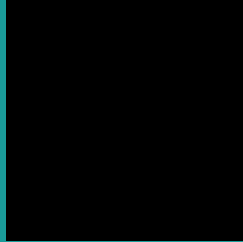
Any Text WCAG AA ✓ Pass

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 116.9020, 18.2893, -79.7211 Background



This preview shows how black text looks on a background with the YUV color 116.9020, 18.2893, -79.7211.

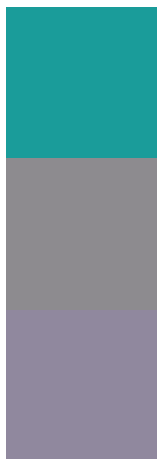


This preview shows how white text looks on a background with the YUV color 116.9020, 18.2893, -79.7211.

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

116.9020, 18.2893, -79.7211

Protanopia

140.0540, 1.4524, 0.8296

Deuteranopia

140.9000, 8.4303, 2.7187



Tritanopia

121.0970, 22.6302, -71.9991

Trichromacy



Original Color

116.9020, 18.2893, -79.7211

Protanomaly

131.4740, 7.6543, -28.4797

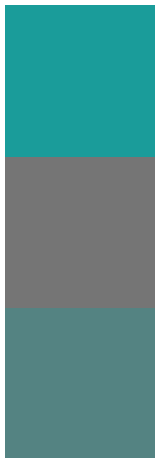
Deuteranomaly

132.0380, 12.3063, -27.2203

Tritanomaly

119.6190, 20.8938, -75.0879

Monochromacy



Original Color

116.9020, 18.2893, -79.7211

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8330, 6.4913, -28.7945

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9020, 18.2893, -79.7211 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(26, 156, 154)` looks like.

```
.text, #text, p{  
    color:rgb(26, 156, 154)  
}
```

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(26, 156, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 156, 154) }
```

Border

The CSS property to change the border of an element to YUV 116.9020, 18.2893, -79.7211 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(26, 156, 154) }
```


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

```
.border{ border-color:rgb(26, 156, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 156, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 156, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 156, 154);  
box-shadow:4px 4px 4px 4px rgb(26, 156,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 116.9020, 18.2893, -79.7211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 156, 154) }
```

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

```
.background{ background-color: rgb(26, 156,  
154) }
```

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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