

Converting Colors

YUV(119.1400, 20.6370,
-86.0688)

Have a look what the booklet for
YUV(119.1400, 20.6370, -86.0688)
contains.

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Color

**YUV(119.1400, 20.6370,
-86.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	15A1A1
RGB	21, 161, 161
RGB Percent	8%, 63%, 63%
CMY	0.9176, 0.3686, 0.3686
CMYK	0.87, 0.00, 0.00, 0.37
HSL	180°, 77%, 36%
HSV	180°, 87%, 63%
XYZ	19.4872, 28.2224, 38.1386
YIQ	119.1400, -83.4400, -29.6800

Conversions

Conversions Part 2

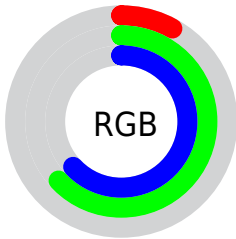
Format	Color
R_{YB}	21, 91, 161
Decimal	1417633
CIE _{Lab}	60.09, -33.14, -9.79
CIE _{LCh}	60, 34.556, 196.465
Yxy	28.2224, 0.2270, 0.3287
Android (android.graphics.Color)	4279607713 (0xFF15A1A1)
YUV	119.1400, 20.6370, -86.0688
Hunter-Lab	53.1247, -27.4911, -5.3774

Details

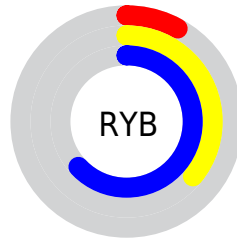
The YUV color **119.1400, 20.6370, -86.0688** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **62.8600, -20.6370, 86.0688**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7180, 17.3940, -72.5437**, and **76.5230, 16.5042, -67.1107** is the 20% darker color. If you saturate the color by 10%, you get **114.3560, 22.9955, -95.9052**, and if you desaturate by 10%, it is **123.9240, 18.2785, -76.2323**.

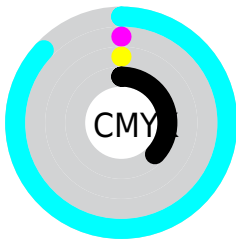
Distribution



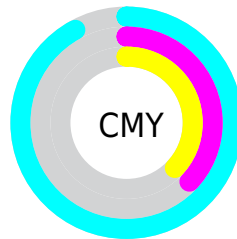
- Red (8%)
- Green (63%)
- Blue (63%)



- Red (8%)
- Yellow (36%)
- Blue (63%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)



- Cyan (92%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.1400, 20.6370, -86.0688 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 119.1400, 20.6370, -86.0688 by changing the saturation by 10% instead.

■ 119.1400, 20.6370,
-86.0688

■ 119.1400, 20.6370,
-86.0688

■ 255.0000, 0.0000,
0.0000

■ 94.0480, 20.1893,
-82.4801

■ 180.7180, 17.3940,
-72.5437

■ 76.5230, 16.5042,
-67.1107

■ 210.2020, 16.6624,
-71.2142

■ 58.9980, 12.8190,
-51.7412

■ 226.2960, 14.1511,
-59.0186

■ 42.2880, 9.7180,
-37.0866

■ 234.9670, 9.8763,
-41.1901

■ 26.8660, 6.4751,
-23.5615

■ 243.9370, 5.4541,
-22.7467

■ 3.5680, 8.5940,
-3.1291

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 119.1400, 20.6370,
-86.0688

■ 119.1400, 20.6370,
-86.0688

■ 114.3560, 22.9955,
-95.9052

■ 123.9240, 18.2785,
-76.2323

■ 112.8610, 23.7325,
-98.9791

■ 128.7080, 15.9200,
-66.3959

■ 133.4920, 13.5614,
-56.5595

■ 138.2760, 11.2029,
-46.7231

■ 143.0600, 8.8444,
-36.8866

■ 148.1430, 6.3385,
-26.4354

■ 152.9270, 3.9800,
-16.5990

■ 157.7110, 1.6215,
-6.7625

■ 162.4950, -0.7370,
3.0739

Harmonies

Analogous

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



130.8660, -0.4269, -49.8715



119.1400, 20.6370, -86.0688



115.0750, 35.9520, -98.2898

Triad

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



119.1400, 20.6370, -86.0688



148.7460, 18.8592, 17.7628



143.7330, -28.4624, 29.1752

Complementary

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



119.1400, 20.6370, -86.0688



62.8600, -20.6370, 86.0688

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.



145.6670, -21.5278, 45.0190



119.1400, 20.6370, -86.0688



148.7460, 5.5482, 40.5648

Square

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



119.1400, 20.6370, -86.0688



144.7680, 28.7084, -14.7055



146.7290, -8.7404, 50.2267



140.8180, -27.5183, 6.2986

Rectangle

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



119.1400, 20.6370, -86.0688



129.3440, 34.8334, -66.0767



146.7290, -8.7404, 50.2267



144.8200, -27.0263, 35.2379

Sweetspot

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



119.1400, 20.6370, -86.0688



192.8540, 7.9600, -33.1980



103.1800, -40.5147, -72.0719



95.1330, 4.8644, -20.2876



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.



119.1400, 20.6370, -86.0688



146.5090, 30.8081, -128.4884



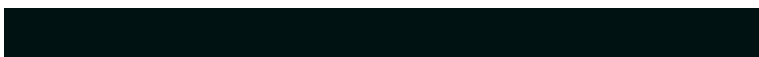
78.0500, 40.8944, -50.0328



79.3090, 1.3267, -5.5330



101.6450, 21.3740, -89.1427



12.6180, 2.6533, -11.0660

Inverse Universe

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



78.8200, 40.5147, 72.0719



86.3170, 60.4827, 107.5930



103.9500, -40.8943, 50.0329



76.7170, 2.6045, 4.6332



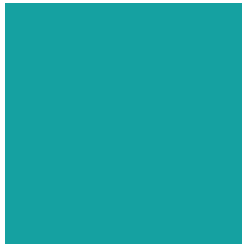
59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 119.1400, 20.6370, -86.0688 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 119.1400, 20.6370, -86.0688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

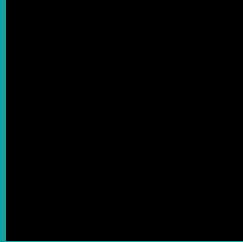
Any Text WCAG AA ✓ Pass

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 119.1400, 20.6370, -86.0688 Background



This preview shows how black text looks on a background with the YUV color 119.1400, 20.6370, -86.0688.

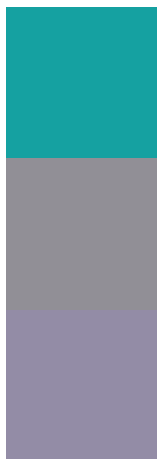


This preview shows how white text looks on a background with the YUV color 119.1400, 20.6370,

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

119.1400, 20.6370, -86.0688

Protanopia

144.3960, 2.7628, 0.5297

Deuteranopia

145.0570, 10.3249, 1.7040



Tritanopia

123.4060, 23.9568, -77.5321

Trichromacy



Original Color

119.1400, 20.6370, -86.0688

Protanomaly

135.5060, 9.1175, -31.1388

Deuteranomaly

135.7710, 13.9169, -30.4942

Tritanomaly

122.0420, 22.6573, -80.7208

Monochromacy



Original Color

119.1400, 20.6370, -86.0688

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.7510, 7.5178, -31.3536

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.1400, 20.6370, -86.0688 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(21, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(21, 161, 161)  
}
```

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(21, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 161, 161) }
```

Border

The CSS property to change the border of an element to YUV 119.1400, 20.6370, -86.0688 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(21, 161, 161) }
```


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

```
.border{ border-color:rgb(21, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(21, 161,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 119.1400, 20.6370, -86.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 161, 161) }
```

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

```
.background{ background-color: rgb(21, 161,  
161) }
```

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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