

Converting Colors

YUV(114.6780, 21.3577,
-83.9096)

Have a look what the booklet for
YUV(114.6780, 21.3577, -83.9096)
contains.

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Color

**YUV(114.6780, 21.3577,
-83.9096)**

Conversions

Conversions Part 1

Format	Color
Hex	139B9E
RGB	19, 155, 158
RGB Percent	7%, 61%, 62%
CMY	0.9255, 0.3922, 0.3804
CMYK	0.88, 0.02, 0.00, 0.38
HSL	181°, 79%, 35%
HSV	181°, 88%, 62%
XYZ	18.1615, 26.0498, 36.4186
YIQ	114.6780, -82.0190, -27.8990

Conversions

Conversions Part 2

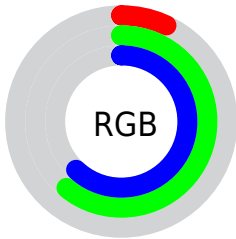
Format	Color
R_{YB}	19, 88, 158
Decimal	1285022
CIE _{Lab}	58.08, -31.34, -11.10
CIE _{LCh}	58, 33.248, 199.501
Yxy	26.0498, 0.2252, 0.3231
Android (android.graphics.Color)	4279475102 (0xFF139B9E)
YUV	114.6780, 21.3577, -83.9096
Hunter-Lab	51.0390, -25.8016, -6.5789

Details

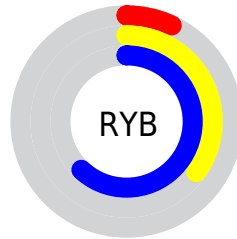
The YUV color **114.6780, 21.3577, -83.9096** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **62.3220, -21.3577, 83.9096**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2560, 18.1148, -70.3845**, and **72.6590, 16.9301, -63.7219** is the 20% darker color. If you saturate the color by 10%, you get **109.8940, 23.7163, -93.7460**, and if you desaturate by 10%, it is **119.4620, 18.9992, -74.0732**.

Distribution



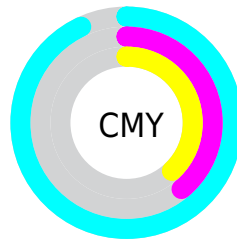
- Red (7%)
- Green (61%)
- Blue (62%)



- Red (7%)
- Yellow (35%)
- Blue (62%)



- Cyan (88%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6780, 21.3577, -83.9096 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 114.6780, 21.3577, -83.9096 by changing the saturation by 10% instead.

■ 114.6780, 21.3577,
-83.9096

■ 114.6780, 21.3577,
-83.9096

■ 255.0000, 0.0000,
0.0000

■ 90.7710, 20.3259,
-79.6062

■ 176.2560, 18.1148,
-70.3845

■ 72.6590, 16.9301,
-63.7219

■ 205.1530, 17.6726,
-68.5402

■ 55.8350, 13.3923,
-48.9673

■ 225.3990, 14.5933,
-60.8629

■ 39.1250, 10.2914,
-34.3126

■ 234.3690, 10.1711,
-42.4196

■ 24.8770, 6.4696,
-21.8171

■ 243.3390, 5.7489,
-23.9763

■ 2.5250, 7.1362,
-2.2144

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 114.6780, 21.3577,
-83.9096

■ 114.6780, 21.3577,
-83.9096

■ 109.8940, 23.7163,
-93.7460

■ 119.4620, 18.9992,
-74.0732

■ 108.9970, 24.1585,
-95.5904

■ 124.8330, 16.3513,
-64.7515

■ 129.3180, 14.1402,
-55.5299

■ 134.1020, 11.7817,
-45.6935

■ 139.4730, 9.1338,
-36.3718

■ 144.2570, 6.7753,
-26.5354

■ 149.0410, 4.4168,
-16.6990

■ 154.1130, 1.9163,
-7.9921

■ 158.8970, -0.4422,
1.8443

Harmonies

Analogous

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



125.3220, 1.3203, -50.2714



114.6780, 21.3577, -83.9096



116.0660, 32.9985, -84.2499

Triad

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



114.6780, 21.3577, -83.9096



143.3010, 17.1066, 19.9070



138.2380, -27.7253, 26.1013

Complementary

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



114.6780, 21.3577, -83.9096



62.3220, -21.3577, 83.9096

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.



140.0580, -21.2276, 42.0451



114.6780, 21.3577, -83.9096



143.2900, 3.8010, 40.9647

Square

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



114.6780, 21.3577, -83.9096



140.2200, 26.5135, -10.7169



141.7780, -9.7506, 47.5527



135.9640, -25.6183, 3.5396

Rectangle

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



114.6780, 21.3577, -83.9096



126.8180, 32.6277, -58.5994



141.7780, -9.7506, 47.5527



139.2110, -26.7260, 32.2640

Sweetspot

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



114.6780, 21.3577, -83.9096



189.6800, 8.5388, -32.1684



100.8210, -39.3518, -71.7570



94.5460, 5.1538, -19.7728



232.0000, 0.0000, 0.0000



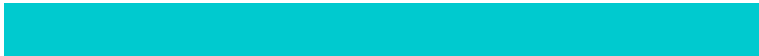
105.0000, 0.0000, 0.0000

Same Dimension

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



114.6780, 21.3577, -83.9096



142.1720, 31.9602, -124.6848



74.1750, 41.3257, -48.3885



76.6080, 1.1793, -4.9182



98.4820, 21.9474, -86.3687



10.5150, 2.2111, -9.2217

Inverse Universe

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



76.0650, 38.9150, 71.8570



84.9210, 57.7199, 107.0633



102.8250, -41.3257, 48.3885



74.3040, 2.3151, 4.1184



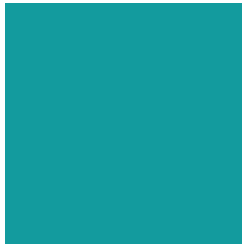
58.7170, 40.0725, 73.9162



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 114.6780, 21.3577, -83.9096 looks on a white background.

Color Contrast Check

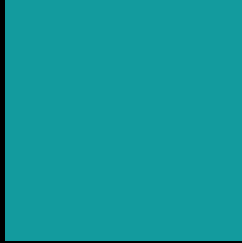
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.6780, 21.3577, -83.9096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

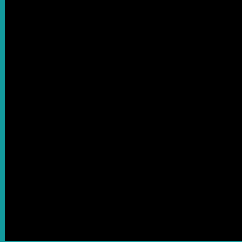
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.6780, 21.3577, -83.9096

Background



This preview shows how black text looks on a background with the YUV color 114.6780, 21.3577, -83.9096.

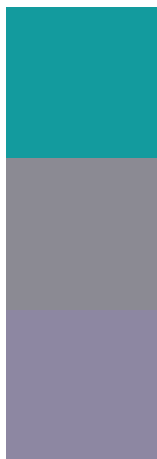


This preview shows how white text looks on a background with the YUV color 114.6780, 21.3577, -83.9096.

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

114.6780, 21.3577, -83.9096

Protanopia

139.3250, 3.7838, -0.2850

Deuteranopia

139.8720, 10.9091, 0.9893



Tritanopia

118.2920, 23.5200, -77.4321

Trichromacy



Original Color

114.6780, 21.3577, -83.9096

Protanomaly

130.1470, 10.2805, -30.8239

Deuteranomaly

130.7110, 14.9325, -29.5645

Tritanomaly

116.7540, 22.7993, -79.5913

Monochromacy



Original Color

114.6780, 21.3577, -83.9096

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1640, 7.8071, -30.8388

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6780, 21.3577, -83.9096 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(19, 155, 158)` looks like.

```
.text, #text, p{  
    color:rgb(19, 155, 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(19, 155, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 155, 158) }
```

Border

The CSS property to change the border of an element to YUV 114.6780, 21.3577, -83.9096 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(19, 155, 158) }
```


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

```
.border{ border-color:rgb(19, 155, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 155, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 155, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 155, 158);  
box-shadow:4px 4px 4px 4px rgb(19, 155,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 114.6780, 21.3577, -83.9096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 155, 158) }
```

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

```
.background{ background-color: rgb(19, 155,  
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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