

Converting Colors

YUV(110.2330, 19.6051,
-81.7653)

Have a look what the booklet for
YUV(110.2330, 19.6051, -81.7653)
contains.

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Color

**YUV(110.2330, 19.6051,
-81.7653)**

Conversions

Conversions Part 1

Format	Color
Hex	119696
RGB	17, 150, 150
RGB Percent	7%, 59%, 59%
CMY	0.9333, 0.4118, 0.4118
CMYK	0.89, 0.00, 0.00, 0.41
HSL	180°, 80%, 33%
HSV	180°, 89%, 59%
XYZ	16.6425, 24.1339, 32.6353
YIQ	110.2330, -79.2680, -28.1960

Conversions

Conversions Part 2

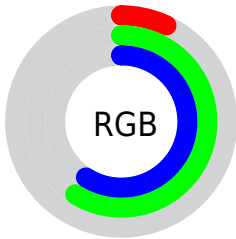
Format	Color
RYB	17, 84, 150
Decimal	1152662
CIELab	56.22, -31.58, -9.33
CIELCh	56, 32.924, 196.455
Yxy	24.1339, 0.2267, 0.3287
Android (android.graphics.Color)	4279342742 (0xFF119696)
YUV	110.2330, 19.6051, -81.7653
Hunter-Lab	49.1262, -25.5003, -4.9989

Details

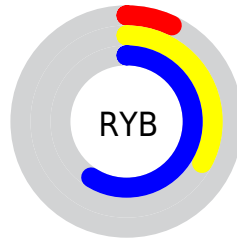
The YUV color **110.2330, 19.6051, -81.7653** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **56.7670, -19.6051, 81.7653**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6970, 15.9254, -68.1403**, and **68.8120, 14.8827, -60.3481** is the 20% darker color. If you saturate the color by 10%, you get **105.7480, 21.8162, -90.9870**, and if you desaturate by 10%, it is **114.7180, 17.3940, -72.5437**.

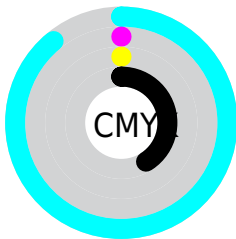
Distribution



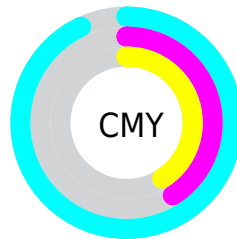
- Red (7%)
- Green (59%)
- Blue (59%)



- Red (7%)
- Yellow (33%)
- Blue (59%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



- Cyan (93%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.2330, 19.6051, -81.7653 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 110.2330, 19.6051, -81.7653 by changing the saturation by 10% instead.

■ 110.2330, 19.6051,
-81.7653

■ 110.2330, 19.6051,
-81.7653

■ 255.0000, 0.0000,
0.0000

■ 86.9240, 18.2785,
-76.2323

■ 171.6970, 15.9254,
-68.1403

■ 68.8120, 14.8827,
-60.3481

■ 200.2950, 15.6306,
-66.9107

■ 51.9880, 11.3449,
-45.5935

■ 224.5020, 15.0355,
-62.7073

■ 35.9790, 8.3914,
-31.5536

■ 233.4720, 10.6133,
-44.2639

■ 21.8450, 5.0064,
-19.1581

■ 242.1430, 6.3385,
-26.4354

■ 0.7980, 3.0576,
-0.6998

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 110.2330, 19.6051,
-81.7653

■ 110.2330, 19.6051,
-81.7653

■ 105.7480, 21.8162,
-90.9870

■ 114.7180, 17.3940,
-72.5437

■ 105.1500, 22.1110,
-92.2166

■ 119.2030, 15.1829,
-63.3220

■ 123.6880, 12.9718,
-54.1004

■ 128.1730, 10.7607,
-44.8787

■ 132.6580, 8.5496,
-35.6571

■ 137.1430, 6.3385,
-26.4354

■ 141.6280, 4.1274,
-17.2138

■ 146.1130, 1.9163,
-7.9921

■ 150.5980, -0.2948,
1.2296

Harmonies

Analogous

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



121.4750, -0.7272, -46.8976



110.2330, 19.6051, -81.7653



106.8260, 33.6098, -93.6864

Triad

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



110.2330, 19.6051, -81.7653



138.6920, 17.4068, 16.9331



134.0640, -27.1466, 27.1309

Complementary

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



110.2330, 19.6051, -81.7653



56.7670, -19.6051, 81.7653

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.



135.6990, -20.0646, 42.3600



110.2330, 19.6051, -81.7653



138.3220, 5.2643, 38.3056

Square

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



110.2330, 19.6051, -81.7653



134.6110, 26.8138, -13.6908



137.1200, -8.4402, 47.2528



131.2740, -25.7711, 5.8987

Rectangle

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



110.2330, 19.6051, -81.7653



120.4970, 32.7860, -62.7029



137.1200, -8.4402, 47.2528



134.2650, -25.2736, 33.0936

Sweetspot

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



110.2330, 19.6051, -81.7653



178.1530, 7.8126, -32.5832



95.0710, -38.4890, -68.4683



87.7310, 4.5696, -19.0581



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.



110.2330, 19.6051, -81.7653



135.9940, 28.5970, -119.2667



71.4910, 38.7049, -47.7886



71.9070, 1.0318, -4.3034



96.7380, 20.3422, -84.8392



7.0100, 1.4741, -6.1478

Inverse Universe

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



71.9290, 38.4890, 68.4683



80.1220, 56.1419, 99.8710



96.0960, -38.9943, 47.2738



69.8910, 2.0257, 3.6036



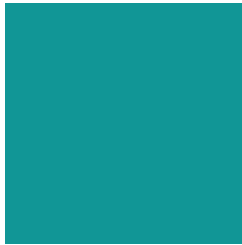
56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 110.2330, 19.6051, -81.7653 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 110.2330, 19.6051, -81.7653 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 110.2330, 19.6051, -81.7653 Background



This preview shows how black text looks on a background with the YUV color 110.2330, 19.6051, -81.7653.



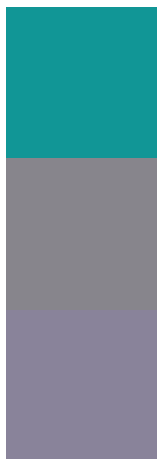
This preview shows how white text looks on a background with the YUV color 110.2330, 19.6051, -81.7653.

-81.7653.

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

110.2330, 19.6051, -81.7653

Protanopia

134.3960, 2.7628, 0.5297

Deuteranopia

135.4160, 9.1619, 1.3892



Tritanopia

114.3850, 22.4882, -73.1286

Trichromacy



Original Color

110.2330, 19.6051, -81.7653

Protanomaly

125.5170, 9.1121, -29.3944

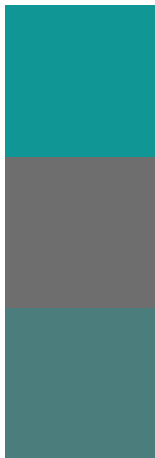
Deuteranomaly

126.2550, 13.1853, -29.1646

Tritanomaly

113.0210, 21.1886, -76.3174

Monochromacy



Original Color

110.2330, 19.6051, -81.7653

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.3490, 7.2229, -30.1241

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.2330, 19.6051, -81.7653 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(17, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(17, 150, 150)  
}
```

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(17, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 150, 150) }
```

Border

The CSS property to change the border of an element to YUV 110.2330, 19.6051, -81.7653 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(17, 150, 150) }
```


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

```
.border{ border-color:rgb(17, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(17, 150,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 110.2330, 19.6051, -81.7653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 150, 150) }
```

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

```
.background{ background-color: rgb(17, 150,  
150) }
```

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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