

Converting Colors

YUV(125.3330, 31.3878,
-80.9760)

Have a look what the booklet for
YUV(125.3330, 31.3878, -80.9760)
contains.

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Color

**YUV(125.3330, 31.3878,
-80.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	21A0BD
RGB	33, 160, 189
RGB Percent	13%, 63%, 74%
CMY	0.8706, 0.3725, 0.2588
CMYK	0.83, 0.15, 0.00, 0.26
HSL	191°, 70%, 44%
HSV	191°, 83%, 74%
XYZ	22.3833, 29.1391, 52.5888
YIQ	125.3330, -85.0010, -17.9050

Conversions

Conversions Part 2

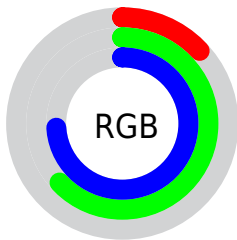
Format	Color
R_{YB}	33, 103, 189
Decimal	2203837
CIE _{Lab}	60.90, -22.72, -24.33
CIE _{LCh}	61, 33.282, 226.960
Yxy	29.1391, 0.2150, 0.2799
Android (android.graphics.Color)	4280393917 (0xFF21A0BD)
YUV	125.3330, 31.3878, -80.9760
Hunter-Lab	53.9806, -20.4502, -19.9748

Details

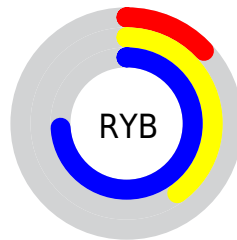
The YUV color **125.3330, 31.3878, -80.9760** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **96.6670, -31.3878, 80.9760**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1280, 29.0239, -69.3953**, and **78.9000, 28.1503, -69.1953** is the 20% darker color. If you saturate the color by 10%, you get **117.3040, 35.3461, -90.5976**, and if you desaturate by 10%, it is **133.3620, 27.4295, -71.3545**.

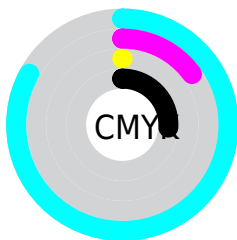
Distribution



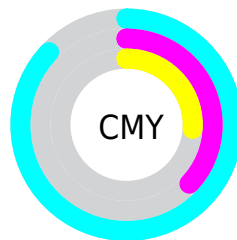
- Red (13%)
- Green (63%)
- Blue (74%)



- Red (13%)
- Yellow (40%)
- Blue (74%)



- Cyan (83%)
- Magenta (15%)
- Yellow (0%)
- Black (26%)



- Cyan (87%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.3330, 31.3878, -80.9760 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 125.3330, 31.3878, -80.9760 by changing the saturation by 10% instead.

■ 125.3330, 31.3878,
-80.9760

■ 125.3330, 31.3878,
-80.9760

■ 255.0000, 0.0000,
0.0000

■ 97.1260, 31.9829,
-85.1795

■ 186.1280, 29.0239,
-69.3953

■ 78.9000, 28.1503,
-69.1953

■ 212.6740, 20.8667,
-66.3661

■ 61.8480, 23.7389,
-54.2407

■ 228.9870, 12.8244,
-53.4856

■ 45.0240, 20.2012,
-39.4860

■ 237.9570, 8.4022,
-35.0423

■ 29.3740, 16.0846,
-25.7610

■ 246.9270, 3.9800,
-16.5990

■ 9.9570, 15.3042,
-8.7323

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 125.3330, 31.3878,
-80.9760

■ 125.3330, 31.3878,
-80.9760

■ 117.3040, 35.3461,
-90.5976

■ 133.3620, 27.4295,
-71.3545

■ 111.9440, 37.9886,
-98.1749

■ 140.8040, 23.7606,
-61.2181

■ 148.8330, 19.8023,
-51.5965

■ 156.2750, 16.1334,
-41.4602

■ 164.3040, 12.1751,
-31.8386

■ 171.4470, 8.6536,
-22.3170

■ 179.4760, 4.6953,
-12.6955

■ 186.9180, 1.0264,
-2.5591

■ 194.9470, -2.9319,
7.0625

Harmonies

Analogous

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



125.6250, 18.4259, -76.8471



125.3330, 31.3878, -80.9760



138.1720, 32.4532, -49.2628

Triad

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



125.3330, 31.3878, -80.9760



150.9200, 4.9694, 39.5352



143.1600, -26.2079, 5.9987

Complementary

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



125.3330, 31.3878, -80.9760



96.6670, -31.3878, 80.9760

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.



146.2490, -27.7308, 27.8456



125.3330, 31.3878, -80.9760



149.6040, -9.1718, 48.5823

Square

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



125.3330, 31.3878, -80.9760



150.5180, 17.9856, 17.9627



147.7700, -21.0856, 43.1747



139.5140, -16.5224, -20.6218

Rectangle

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



125.3330, 31.3878, -80.9760



144.9300, 29.6145, -25.3716



147.7700, -21.0856, 43.1747



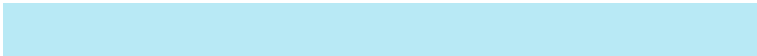
144.1610, -27.6874, 13.8908

Sweetspot

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



125.3330, 31.3878, -80.9760



219.7170, 12.4645, -31.3238



127.8780, -32.4779, -83.2080



107.7140, 7.0430, -19.0432



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



125.3330, 31.3878, -80.9760



145.9280, 48.8425, -126.2249



79.5470, 53.9603, -40.8217



90.7220, 1.6161, -5.0182



93.7350, 31.6826, -82.2056



18.2090, 6.3060, -15.9693

Inverse Universe

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



94.1220, 32.4779, 83.2080



97.2290, 50.6661, 129.5952



142.4530, -53.9603, 40.8217



88.6030, 2.1677, 4.7332



61.9480, 33.0566, 84.2376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 125.3330, 31.3878, -80.9760 looks on a white background.

Color Contrast Check

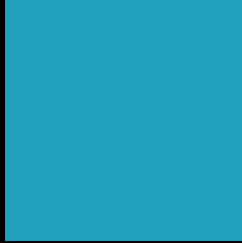
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.3330, 31.3878, -80.9760 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

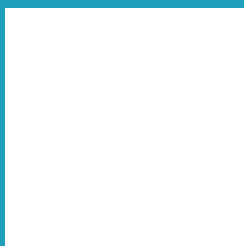
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 125.3330, 31.3878, -80.9760

Background



This preview shows how black text looks on a background with the YUV color 125.3330, 31.3878, -80.9760.



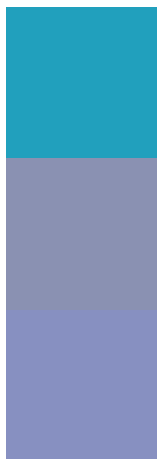
This preview shows how white text looks on a background with the YUV color 125.3330, 31.3878, -80.9760.

-80.9760.

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

125.3330, 31.3878, -80.9760

Protanopia

146.6690, 15.4462, -7.6027

Deuteranopia

146.8950, 22.7298, -10.4319



Tritanopia

115.0440, 29.5583, -100.8936

Trichromacy



Original Color

125.3330, 31.3878, -80.9760

Protanomaly

138.6980, 21.3479, -33.9381

Deuteranomaly

139.2400, 26.0107, -36.1675

Tritanomaly

118.6150, 30.2628, -93.5014

Monochromacy



Original Color

125.3330, 31.3878, -80.9760

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.3860, 11.1487, -29.2795

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.3330, 31.3878, -80.9760 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(33, 160, 189)` looks like.

```
.text, #text, p{  
    color:rgb(33, 160, 189)  
}
```

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(33, 160, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 160, 189) }
```

Border

The CSS property to change the border of an element to YUV 125.3330, 31.3878, -80.9760 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(33, 160, 189) }
```


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

```
.border{ border-color:rgb(33, 160, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 160, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 160, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 160, 189);  
box-shadow:4px 4px 4px 4px rgb(33, 160,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 125.3330, 31.3878, -80.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 160, 189) }
```

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

```
.background{ background-color: rgb(33, 160,  
189) }
```

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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