

Converting Colors

YUV(129.0220, 16.2582,
-81.5803)

Have a look what the booklet for
YUV(129.0220, 16.2582, -81.5803)
contains.

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Color

**YUV(129.0220, 16.2582,
-81.5803)**

Conversions

Conversions Part 1

Format	Color
Hex	24AAA2
RGB	36, 170, 162
RGB Percent	14%, 67%, 64%
CMY	0.8588, 0.3333, 0.3647
CMYK	0.79, 0.00, 0.05, 0.33
HSL	176°, 65%, 40%
HSV	176°, 79%, 67%
XYZ	21.6239, 31.7332, 39.1678
YIQ	129.0220, -77.2960, -30.8960

Conversions

Conversions Part 2

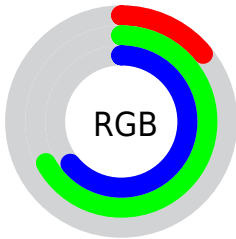
Format	Color
R_{YB}	36, 105, 170
Decimal	2402978
CIE Lab	63.12, -35.81, -5.82
CIE LCh	63, 36.277, 189.236
Yxy	31.7332, 0.2337, 0.3430
Android (android.graphics.Color)	4280593058 (0xFF24AAA2)
YUV	129.0220, 16.2582, -81.5803
Hunter-Lab	56.3322, -30.0617, -1.7919

Details

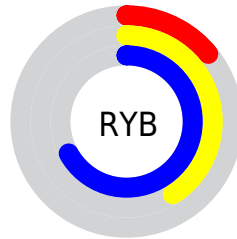
The YUV color **129.0220, 16.2582, -81.5803** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **76.9780, -16.2582, 81.5803**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0940, 13.7577, -72.8734**, and **81.3330, 14.6258, -71.3290** is the 20% darker color. If you saturate the color by 10%, you get **123.8250, 18.3273, -91.9315**, and if you desaturate by 10%, it is **134.2190, 14.1890, -71.2291**.

Distribution



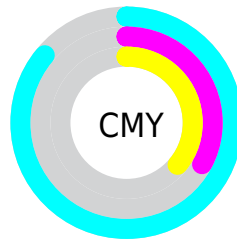
- Red (14%)
- Green (67%)
- Blue (64%)



- Red (14%)
- Yellow (41%)
- Blue (67%)



- Cyan (79%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)



- Cyan (86%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.0220, 16.2582, -81.5803 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 129.0220, 16.2582, -81.5803 by changing the saturation by 10% instead.

■ 129.0220, 16.2582,
-81.5803

■ 129.0220, 16.2582,
-81.5803

■ 255.0000, 0.0000,
0.0000

■ 99.4450, 18.0216,
-87.2133

■ 189.0940, 13.7577,
-72.8734

■ 81.3330, 14.6258,
-71.3290

■ 218.2790, 13.1735,
-72.1587

■ 63.8080, 10.9407,
-55.9596

■ 228.3890, 13.1192,
-54.7152

■ 46.5110, 8.1291,
-40.7901

■ 237.3590, 8.6970,
-36.2718

■ 31.0890, 4.8861,
-27.2651

■ 246.3290, 4.2748,
-17.8285

■ 14.1340, 3.3849,
-12.3955

■ 0.0000, 0.0000,

0.0000

■ 129.0220, 16.2582,
-81.5803

■ 129.0220, 16.2582,
-81.5803

■ 123.8250, 18.3273,
-91.9315

■ 134.2190, 14.1890,
-71.2291

■ 118.6280, 20.3964,
-102.2828

■ 139.4160, 12.1199,
-60.8778

■ 118.0300, 20.6912,
-103.5123

■ 144.6130, 10.0508,
-50.5266

■ 149.8100, 7.9817,
-40.1754

■ 155.0070, 5.9125,
-29.8241

■ 160.2040, 3.8434,
-19.4729

■ 165.4010, 1.7743,
-9.1217

■ 170.5980, -0.2948,
1.2296

■ 175.7950, -2.3639,
11.5808

Harmonies

Analogous

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



139.6340, -5.2426, -45.2830



129.0220, 16.2582, -81.5803



120.6180, 35.6843, -105.7820

Triad

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



129.0220, 16.2582, -81.5803



156.4400, 22.9541, 11.0151



152.2500, -29.2102, 35.7377

Complementary

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



129.0220, 16.2582, -81.5803



76.9780, -16.2582, 81.5803

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.



154.1560, -19.7969, 49.8522



129.0220, 16.2582, -81.5803



157.0600, 9.3374, 38.5354

Square

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



129.0220, 16.2582, -81.5803



150.9130, 32.0879, -25.3567



155.2500, -5.5462, 52.4008



149.4660, -30.3027, 12.7463

Rectangle

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



129.0220, 16.2582, -81.5803



131.8150, 37.0662, -82.2758



155.2500, -5.5462, 52.4008



152.5650, -26.9005, 41.6005

Sweetspot

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



129.0220, 16.2582, -81.5803



205.8110, 6.5022, -32.2832



117.3490, -40.1051, -63.4501



102.2040, 3.8434, -19.4729



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



129.0220, 16.2582, -81.5803



157.4290, 25.4245, -128.4182



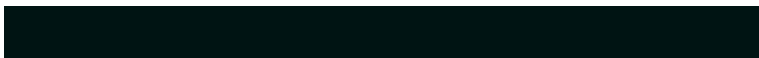
95.8880, 36.5372, -52.5218



81.6080, 1.1793, -4.9182



102.7220, 17.8851, -90.0872



13.9060, 2.5113, -12.1956

Inverse Universe

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



76.9780, -16.2582, 81.5803



75.5710, -25.4245, 128.4182



110.1120, -36.5372, 52.5218



78.3920, -1.1793, 4.9182



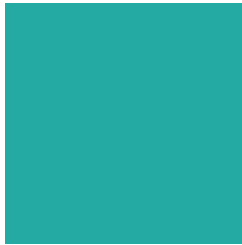
45.2780, -17.8851, 90.0872



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 129.0220, 16.2582, -81.5803 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 129.0220, 16.2582, -81.5803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

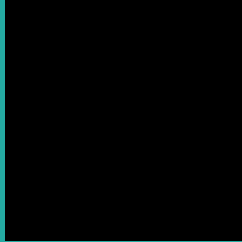
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 129.0220, 16.2582, -81.5803

Background



This preview shows how black text looks on a background with the YUV color 129.0220, 16.2582, -81.5803.

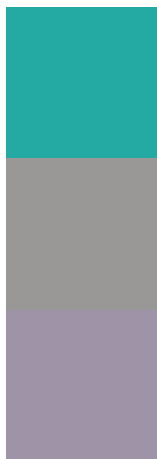


This preview shows how white text looks on a background with the YUV color 129.0220, 16.2582, -81.5803.

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

129.0220, 16.2582, -81.5803

Protanopia

151.8970, -0.4422, 1.8443

Deuteranopia

152.8680, 6.9671, 5.3778



Tritanopia

133.6130, 23.3618, -73.3286

Trichromacy



Original Color

129.0220, 16.2582, -81.5803

Protanomaly

143.6050, 5.6177, -28.5946

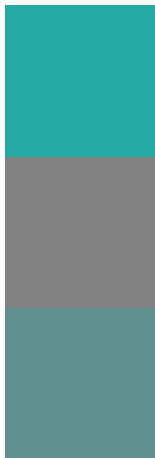
Deuteranomaly

143.8810, 10.4117, -26.2056

Tritanomaly

131.9070, 20.7518, -76.2174

Monochromacy



Original Color

129.0220, 16.2582, -81.5803

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0070, 5.9125, -29.8241

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.0220, 16.2582, -81.5803 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(36, 170, 162)` looks like.

```
.text, #text, p{  
    color:rgb(36, 170, 162)  
}
```

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(36, 170, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 170, 162) }
```

Border

The CSS property to change the border of an element to YUV 129.0220, 16.2582, -81.5803 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(36, 170, 162) }
```


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

```
.border{ border-color:rgb(36, 170, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 170, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 170, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 170, 162);  
box-shadow:4px 4px 4px 4px rgb(36, 170,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 129.0220, 16.2582, -81.5803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 170, 162) }
```

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

```
.background{ background-color: rgb(36, 170,  
162) }
```

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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