

Converting Colors

YUV(129.8290, 25.7203,
-83.1650)

Have a look what the booklet for
YUV(129.8290, 25.7203, -83.1650)
contains.

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Color

**YUV(129.8290, 25.7203,
-83.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	23A8B6
RGB	35, 168, 182
RGB Percent	14%, 66%, 71%
CMY	0.8627, 0.3412, 0.2863
CMYK	0.81, 0.08, 0.00, 0.29
HSL	186°, 68%, 43%
HSV	186°, 81%, 71%
XYZ	23.1393, 31.7400, 49.1628
YIQ	129.8290, -83.7620, -23.8420

Conversions

Conversions Part 2

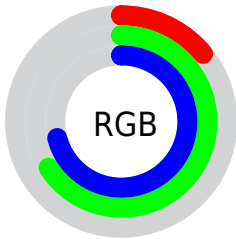
Format	Color
R_{YB}	35, 105, 182
Decimal	2336950
CIE Lab	63.13, -28.86, -17.01
CIE LCh	63, 33.500, 210.511
Yxy	31.7400, 0.2224, 0.3051
Android (android.graphics.Color)	4280527030 (0xFF23A8B6)
YUV	129.8290, 25.7203, -83.1650
Hunter-Lab	56.3383, -25.2784, -12.3019

Details

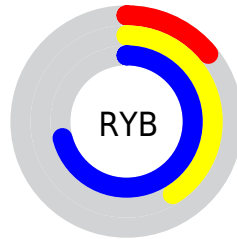
The YUV color **129.8290, 25.7203, -83.1650** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87.1710, -25.7203, 83.1650**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9120, 23.2144, -72.7138**, and **82.2110, 23.0670, -72.0990** is the 20% darker color. If you saturate the color by 10%, you get **123.2730, 28.9524, -93.2014**, and if you desaturate by 10%, it is **136.3850, 22.4882, -73.1286**.

Distribution



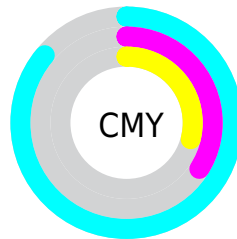
- Red (14%)
- Green (66%)
- Blue (71%)



- Red (14%)
- Yellow (41%)
- Blue (71%)



- Cyan (81%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8290, 25.7203, -83.1650 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 129.8290, 25.7203, -83.1650 by changing the saturation by 10% instead.

129.8290, 25.7203,
-83.1650

129.8290, 25.7203,
-83.1650

255.0000, 0.0000,
0.0000

100.4370, 26.8996,
-88.0832

190.9120, 23.2144,
-72.7138

82.2110, 23.0670,
-72.0990

218.2560, 18.1148,
-70.3845

64.6860, 19.3818,
-56.7296

228.9870, 12.8244,
-53.4856

47.8620, 15.8440,
-41.9750

237.9570, 8.4022,
-35.0423

32.3260, 12.1643,
-28.3499

247.2260, 3.8326,
-15.9842

15.8440, 9.9369,
-13.8952

1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 129.8290, 25.7203,
-83.1650

■ 129.8290, 25.7203,
-83.1650

■ 123.2730, 28.9524,
-93.2014

■ 136.3850, 22.4882,
-73.1286

■ 117.6030, 31.7477,
-103.1378

■ 142.3540, 19.5455,
-62.5775

■ 149.2090, 16.1660,
-51.9263

■ 155.7650, 12.9339,
-41.8899

■ 162.3210, 9.7017,
-31.8535

■ 168.2900, 6.7590,
-21.3023

■ 174.8460, 3.5269,
-11.2659

■ 181.7010, 0.1474,
-0.6148

■ 188.2570, -3.0847,
9.4216

Harmonies

Analogous

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



136.5640, 7.6099, -61.0076



129.8290, 25.7203, -83.1650



137.7630, 32.6548, -67.3212

Triad

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



129.8290, 25.7203, -83.1650



157.2160, 12.7115, 29.6286



150.6670, -28.4298, 18.7090

Complementary

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



129.8290, 25.7203, -83.1650



87.1710, -25.7203, 83.1650

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.



152.9990, -25.1425, 37.7119



129.8290, 25.7203, -83.1650



156.2430, -1.5988, 46.2679

Square

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



129.8290, 25.7203, -83.1650



155.3140, 24.0022, 1.4786



154.4100, -14.9921, 48.7524



147.4790, -23.4071, -5.6821

Rectangle

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



129.8290, 25.7203, -83.1650



145.4930, 32.2950, -45.1594



154.4100, -14.9921, 48.7524



151.7110, -28.4515, 25.6865

Sweetspot

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



129.8290, 25.7203, -83.1650



217.0220, 9.8492, -32.4683



122.6570, -37.2989, -76.8752



107.7740, 6.0274, -19.9728



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



129.8290, 25.7203, -83.1650



155.3160, 40.2702, -130.0731



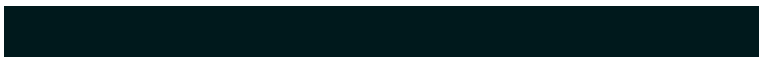
87.5650, 46.5565, -46.0995



88.7220, 1.6161, -5.0182



100.5510, 27.3364, -88.1832



17.8670, 4.9956, -15.6694

Inverse Universe

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



94.1150, 36.4253, 77.0751



99.4820, 56.9504, 120.6033



129.4350, -46.5565, 46.0995



86.6030, 2.1677, 4.7332



62.7180, 38.5930, 81.8083



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 129.8290, 25.7203, -83.1650 looks on a white background.

Color Contrast Check

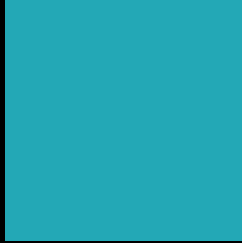
Large Text (above 18pt) WCAG AA × Fail

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 129.8290, 25.7203, -83.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

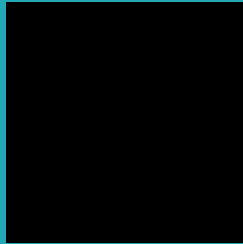
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

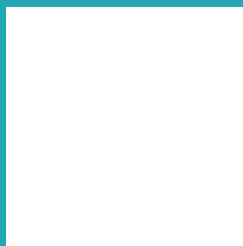
Any Text WCAG AAA ✓ Pass

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

YUV 129.8290, 25.7203, -83.1650 Background



This preview shows how black text looks on a background with the YUV color 129.8290, 25.7203, -83.1650.

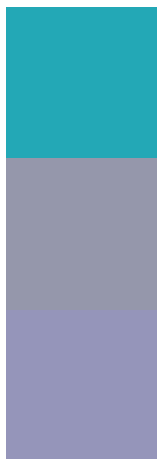


This preview shows how white text looks on a background with the YUV color 129.8290, 25.7203, -83.1650.

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

129.8290, 25.7203, -83.1650

Protanopia

152.6820, 9.0308, -3.2291

Deuteranopia

153.2180, 16.1615, -3.6992



Tritanopia

129.8290, 25.7203, -83.1650

Trichromacy



Original Color

129.8290, 25.7203, -83.1650

Protanomaly

144.4010, 15.0853, -31.9237

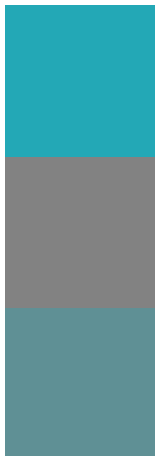
Deuteranomaly

144.9540, 19.7427, -32.4087

Tritanomaly

129.8290, 25.7203, -83.1650

Monochromacy



Original Color

129.8290, 25.7203, -83.1650

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.9190, 9.4069, -30.6240

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8290, 25.7203, -83.1650 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(35, 168, 182)` looks like.

```
.text, #text, p{  
    color:rgb(35, 168, 182)  
}
```

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(35, 168, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 168, 182) }
```

Border

The CSS property to change the border of an element to YUV 129.8290, 25.7203, -83.1650 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(35, 168, 182) }
```


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

```
.border{ border-color:rgb(35, 168, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 168, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 168, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 168, 182);  
box-shadow:4px 4px 4px 4px rgb(35, 168,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 129.8290, 25.7203, -83.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 168, 182) }
```

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

```
.background{ background-color: rgb(35, 168,  
182) }
```

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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