

Converting Colors

YUV(125.3290, 10.6838,
-66.9405)

Have a look what the booklet for
YUV(125.3290, 10.6838, -66.9405)
contains.

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Color

**YUV(125.3290, 10.6838,
-66.9405)**

Conversions

Conversions Part 1

Format	Color
Hex	31A093
RGB	49, 160, 147
RGB Percent	19%, 63%, 58%
CMY	0.8078, 0.3725, 0.4235
CMYK	0.69, 0.00, 0.08, 0.37
HSL	173°, 53%, 41%
HSV	173°, 69%, 63%
XYZ	19.1039, 27.9012, 31.9823
YIQ	125.3290, -61.9830, -27.5750

Conversions

Conversions Part 2

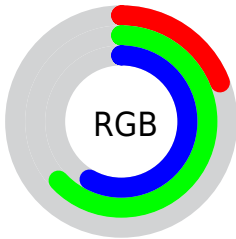
Format	Color
R_{YB}	49, 108, 160
Decimal	3252371
CIE _{Lab}	59.80, -33.84, -2.26
CIE _{LCh}	60, 33.911, 183.820
Yxy	27.9012, 0.2419, 0.3532
Android (android.graphics.Color)	4281442451 (0xFF31A093)
YUV	125.3290, 10.6838, -66.9405
Hunter-Lab	52.8216, -27.8799, 1.0762

Details

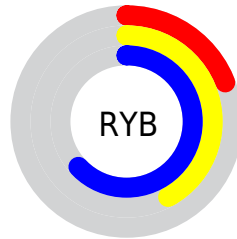
The YUV color **125.3290, 10.6838, -66.9405** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **83.6710, -10.6838, 66.9405**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.3080, 9.2152, -62.5371**, and **74.4540, 11.1152, -65.2962** is the 20% darker color. If you saturate the color by 10%, you get **120.3170, 12.1687, -76.5770**, and if you desaturate by 10%, it is **130.3410, 9.1989, -57.3041**.

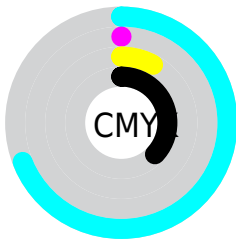
Distribution



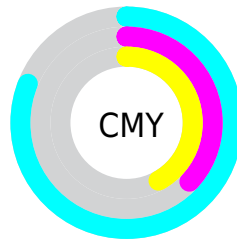
- Red (19%)
- Green (63%)
- Blue (58%)



- Red (19%)
- Yellow (42%)
- Blue (63%)



- Cyan (69%)
- Magenta (0%)
- Yellow (8%)
- Black (37%)



- Cyan (81%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.3290, 10.6838, -66.9405 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 125.3290, 10.6838, -66.9405 by changing the saturation by 10% instead.

■ 125.3290, 10.6838,
-66.9405

■ 125.3290, 10.6838,
-66.9405

■ 255.0000, 0.0000,
0.0000

■ 91.8650, 14.3636,
-80.5656

■ 182.3080, 9.2152,
-62.5371

■ 74.4540, 11.1152,
-65.2962

■ 211.1940, 8.7784,
-62.4371

■ 57.0430, 7.8668,
-50.0267

■ 229.2860, 12.6770,
-52.8708

■ 40.3330, 4.7658,
-35.3720

■ 237.9570, 8.4022,
-35.0423

■ 25.6120, 1.6703,
-22.4617

■ 246.6280, 4.1274,
-17.2138

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 125.3290, 10.6838,
-66.9405

■ 125.3290, 10.6838,
-66.9405

■ 120.3170, 12.1687,
-76.5770

■ 130.3410, 9.1989,
-57.3041

■ 115.3050, 13.6536,
-86.2135

■ 135.3530, 7.7140,
-47.6676

■ 110.2930, 15.1386,
-95.8500

■ 140.3650, 6.2291,
-38.0311

■ 109.9940, 15.2860,
-96.4647

■ 145.2630, 4.3073,
-28.2947

■ 150.2750, 2.8224,
-18.6582

■ 155.2870, 1.3375,
-9.0217

■ 160.2990, -0.1474,
0.6148

■ 165.3110, -1.6323,
10.2513

■ 170.3230, -3.1172,
19.8877

Harmonies

Analogous

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



133.5920, -8.1799, -36.4762



125.3290, 10.6838, -66.9405



113.3970, 30.8633, -99.4492

Triad

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



125.3290, 10.6838, -66.9405



146.8090, 23.2652, 4.5525



143.7600, -26.0107, 36.1675

Complementary

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



125.3290, 10.6838, -66.9405



83.6710, -10.6838, 66.9405

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.



145.3560, -16.4445, 47.9228



125.3290, 10.6838, -66.9405



148.1840, 11.2483, 32.2876

Square

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



125.3290, 10.6838, -66.9405



140.8370, 30.6464, -29.6750



147.2000, -3.0566, 47.1826



141.9440, -28.5664, 15.8351

Rectangle

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



125.3290, 10.6838, -66.9405



122.6150, 33.7138, -80.3464



147.2000, -3.0566, 47.1826



144.4770, -23.4062, 40.8007

Sweetspot

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



125.3290, 10.6838, -66.9405



195.2740, 4.3019, -26.5503



118.6420, -34.3335, -47.9210



96.4710, 2.2328, -16.1991



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.



125.3290, 10.6838, -66.9405



154.9930, 16.7655, -104.3569



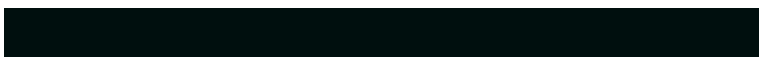
102.7440, 28.2272, -47.1335



76.4940, 0.7425, -4.8182



98.3050, 13.6536, -86.2135



10.4010, 1.7743, -9.1217

Inverse Universe

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



83.6710, -10.6838, 66.9405



90.0070, -16.7655, 104.3569



106.2560, -28.2272, 47.1335



73.5060, -0.7425, 4.8182



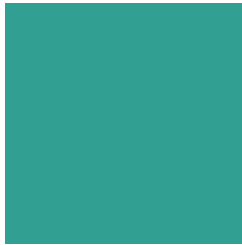
44.6950, -13.6536, 86.2135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 125.3290, 10.6838, -66.9405 looks on a white background.

Color Contrast Check

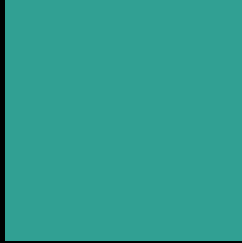
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.3290, 10.6838, -66.9405 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 125.3290, 10.6838, -66.9405

Background



This preview shows how black text looks on a background with the YUV color 125.3290, 10.6838, -66.9405.



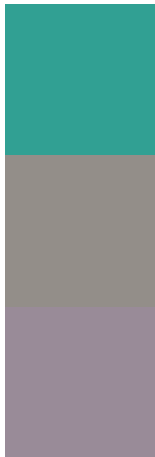
This preview shows how white text looks on a background with the YUV color 125.3290, 10.6838, -66.9405.

-66.9405.

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

125.3290, 10.6838, -66.9405

Protanopia

142.9250, -2.9210, 3.5738

Deuteranopia

144.6680, 3.6147, 7.3072



Tritanopia

129.6640, 19.3926, -60.2183

Trichromacy



Original Color

125.3290, 10.6838, -66.9405

Protanomaly

136.7260, 2.1071, -22.5617

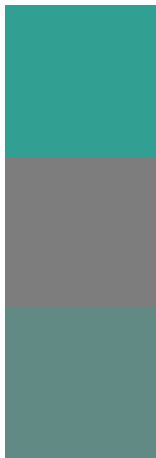
Deuteranomaly

137.7740, 6.0274, -19.9728

Tritanomaly

128.1430, 16.1985, -62.3924

Monochromacy



Original Color

125.3290, 10.6838, -66.9405

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1710, 3.8597, -24.7060

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.3290, 10.6838, -66.9405 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(49, 160, 147)` looks like.

```
.text, #text, p{  
    color:rgb(49, 160, 147)  
}
```

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(49, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 160, 147) }
```

Border

The CSS property to change the border of an element to YUV 125.3290, 10.6838, -66.9405 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(49, 160, 147) }
```


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

```
.border{ border-color:rgb(49, 160, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 160, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(49, 160,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 125.3290, 10.6838, -66.9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 160, 147) }
```

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

```
.background{ background-color: rgb(49, 160,  
147) }
```

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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