

Converting Colors

YUV(120.3950, 3.7493,
-82.7844)

Have a look what the booklet for
YUV(120.3950, 3.7493, -82.7844)
contains.

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Color

**YUV(120.3950, 3.7493,
-82.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	1AA780
RGB	26, 167, 128
RGB Percent	10%, 65%, 50%
CMY	0.8980, 0.3451, 0.4980
CMYK	0.84, 0.00, 0.23, 0.35
HSL	163°, 73%, 38%
HSV	163°, 84%, 65%
XYZ	18.1410, 29.4156, 25.1437
YIQ	120.3950, -71.5170, -42.0210

Conversions

Conversions Part 2

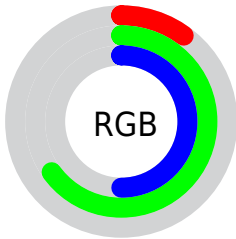
Format	Color
R _Y B	26, 108, 167
Decimal	1746816
CIE Lab	61.15, -44.65, 10.31
CIE LCh	61, 45.824, 166.999
Yxy	29.4156, 0.2495, 0.4046
Android (android.graphics.Color)	4279936896 (0xFF1AA780)
YUV	120.3950, 3.7493, -82.7844
Hunter-Lab	54.2361, -35.2082, 10.4786

Details

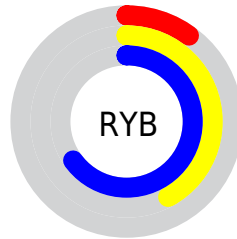
The YUV color **120.3950, 3.7493, -82.7844** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **72.6050, -3.7493, 82.7844**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.1360, -0.0670, -72.0333**, and **75.9240, 1.5165, -66.5853** is the 20% darker color. If you saturate the color by 10%, you get **114.7420, 4.0712, -92.7357**, and if you desaturate by 10%, it is **126.0480, 3.4273, -72.8331**.

Distribution



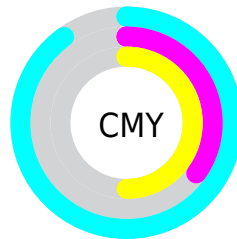
- Red (10%)
- Green (65%)
- Blue (50%)



- Red (10%)
- Yellow (42%)
- Blue (65%)



- Cyan (84%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)



- Cyan (90%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.3950, 3.7493, -82.7844 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 120.3950, 3.7493, -82.7844 by changing the saturation by 10% instead.

■ 120.3950, 3.7493,
-82.7844

■ 120.3950, 3.7493,
-82.7844

■ 255.0000, 0.0000,
0.0000

■ 93.9220, 4.4755,
-82.3696

■ 181.1360, -0.0670,
-72.0333

■ 75.9240, 1.5165,
-66.5853

■ 209.9080, -0.9406,
-71.8333

■ 58.0400, -1.0057,
-50.9011

■ 223.9450, 6.4361,
-57.8338

■ 41.4440, -3.6699,
-36.3464

■ 234.9670, 9.8763,
-41.1901

■ 26.1360, -6.4760,
-22.9213

■ 243.6380, 5.6015,
-23.3615

■ 4.6960, -2.3151,
-4.1184

■ 252.6080, 1.1793,

■ 0.0000, 0.0000,

-4.9182

0.0000

■ 120.3950, 3.7493,
-82.7844

■ 120.3950, 3.7493,
-82.7844

■ 114.7420, 4.0712,
-92.7357

■ 126.0480, 3.4273,
-72.8331

■ 111.8230, 4.5243,
-98.0688

■ 131.2880, 2.8160,
-63.3966

■ 136.9410, 2.4941,
-53.4453

■ 142.4800, 1.7354,
-43.3940

■ 148.1330, 1.4134,
-33.4426

■ 153.4870, 1.2389,
-24.1061

■ 159.0260, 0.4802,
-14.0548

■ 164.6790, 0.1583,
-4.1035

■ 170.0330, -0.0163,
5.2331

Harmonies

Analogous

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



136.1510, -22.7524, -29.0734



120.3950, 3.7493, -82.7844



117.9960, 25.6380, -103.4825

Triad

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



120.3950, 3.7493, -82.7844



146.3570, 38.7710, -22.2381



146.7350, -27.9704, 58.1144

Complementary

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



120.3950, 3.7493, -82.7844



72.6050, -3.7493, 82.7844

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.



148.2580, -10.9732, 66.4257



120.3950, 3.7493, -82.7844



152.0980, 25.0947, 24.4701

Square

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



120.3950, 3.7493, -82.7844



117.9230, 53.2820, -103.4185



151.1160, 7.8308, 55.1493



144.8450, -38.3776, 36.0929

Rectangle

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



120.3950, 3.7493, -82.7844



120.2590, 36.8473, -105.4671



151.1160, 7.8308, 55.1493



147.4350, -22.8925, 62.7625

Sweetspot

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



120.3950, 3.7493, -82.7844



199.1440, 1.4080, -31.6983



120.7270, -46.7004, -47.9956



99.1070, 0.9332, -19.3878



237.0000, 0.0000, 0.0000



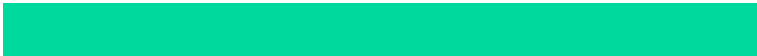
110.0000, 0.0000, 0.0000

Same Dimension

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



120.3950, 3.7493, -82.7844



145.2770, 5.7794, -127.4079



106.6440, 29.7555, -70.7248



81.3800, 0.3057, -4.7183



99.0740, 3.9075, -86.8879



13.4500, 0.7642, -11.7957

Inverse Universe

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



72.6050, -3.7493, 82.7844



71.7230, -5.7794, 127.4079



86.3560, -29.7555, 70.7248



78.6200, -0.3057, 4.7183



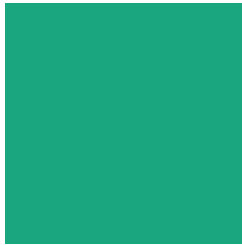
48.9260, -3.9075, 86.8879



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 120.3950, 3.7493, -82.7844 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 120.3950, 3.7493, -82.7844 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 120.3950, 3.7493, -82.7844 Background



This preview shows how black text looks on a background with the YUV color 120.3950, 3.7493, -82.7844.



This preview shows how white text looks on a background with the YUV color 120.3950, 3.7493,

-82.7844.

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

120.3950, 3.7493, -82.7844

Protanopia

145.4990, -13.5570, 8.3324

Deuteranopia

147.3780, -6.5954, 15.4545



Tritanopia

131.3860, 21.0087, -65.2365

Trichromacy



Original Color

120.3950, 3.7493, -82.7844



Protanomaly

136.5980, -7.1968, -25.0804



Deuteranomaly

137.1840, -2.5557, -20.3324



Tritanomaly

127.3330, 14.6258, -71.3290

Monochromacy



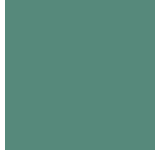
Original Color

120.3950, 3.7493, -82.7844



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.1550, 1.4026, -29.9539

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.3950, 3.7493, -82.7844 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(26, 167, 128)` looks like.

```
.text, #text, p{  
    color:rgb(26, 167, 128)  
}
```

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(26, 167, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 167, 128) }
```

Border

The CSS property to change the border of an element to YUV 120.3950, 3.7493, -82.7844 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(26, 167, 128) }
```


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

```
.border{ border-color:rgb(26, 167, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 167, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 167, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 167, 128);  
box-shadow:4px 4px 4px 4px rgb(26, 167,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 120.3950, 3.7493, -82.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 167, 128) }
```

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

```
.background{ background-color: rgb(26, 167,  
128) }
```

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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