

Converting Colors

YUV(162.7870, 8.9790,
-126.9782)

Have a look what the booklet for
YUV(162.7870, 8.9790, -126.9782)
contains.

YUV(162.7870, 8.9790, -126.9782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(162.7870, 8.9790,
-126.9782)**

Conversions

Conversions Part 1

Format	Color
Hex	12E9B5
RGB	18, 233, 181
RGB Percent	7%, 91%, 71%
CMY	0.9294, 0.0863, 0.2902
CMYK	0.92, 0.00, 0.22, 0.09
HSL	165°, 86%, 49%
HSV	165°, 92%, 91%
XYZ	37.7289, 61.7426, 53.6451
YIQ	162.7870, -111.4480, -61.7520

Conversions

Conversions Part 2

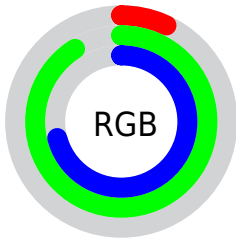
Format	Color
R_{YB}	18, 140, 233
Decimal	1239477
CIE _{Lab}	82.78, -58.30, 12.34
CIE _{LCh}	83, 59.588, 168.046
Yxy	61.7426, 0.2464, 0.4032
Android (android.graphics.Color)	4279429557 (0xFF12E9B5)
YUV	162.7870, 8.9790, -126.9782
Hunter-Lab	78.5765, -51.8012, 14.5256

Details

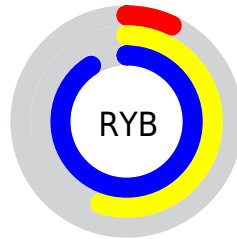
The YUV color **162.7870, 8.9790, -126.9782** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **88.2130, -8.9790, 126.9782**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7890, 12.9220, -84.8840**, and **117.9040, 4.9773, -103.4018** is the 20% darker color. If you saturate the color by 10%, you get **156.9490, 9.8851, -137.6443**, and if you desaturate by 10%, it is **170.3480, 8.2094, -113.4382**.

Distribution



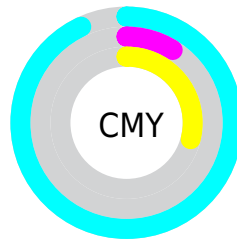
- Red (7%)
- Green (91%)
- Blue (71%)



- Red (7%)
- Yellow (55%)
- Blue (91%)



- Cyan (92%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (93%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.7870, 8.9790, -126.9782 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 162.7870, 8.9790, -126.9782 by changing the saturation by 10% instead.

■ 162.7870, 8.9790,
-126.9782

■ 162.7870, 8.9790,
-126.9782

■ 255.0000, 0.0000,
0.0000

■ 137.3040, 8.2311,
-120.4156

■ 210.7890, 12.9220,
-84.8840

■ 117.9040, 4.9773,
-103.4018

■ 222.7080, 15.9200,
-66.3959

■ 98.6180, 2.1603,
-86.4880

■ 232.2760, 11.2029,
-46.7231

■ 80.6200, -0.7987,
-70.7037

■ 241.8440, 6.4859,
-27.0502

■ 62.1490, -3.0315,
-54.5047

■ 251.4120, 1.7689,
-7.3773

■ 44.9660, -5.4062,
-39.4352

■ 29.0710, -7.9230,

-25.4953

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 162.7870, 8.9790,
-126.9782

■ 162.7870, 8.9790,
-126.9782

■ 156.9490, 9.8851,
-137.6443

■ 170.3480, 8.2094,
-113.4382

■ 178.0940, 6.8557,
-99.1834

■ 185.6550, 6.0861,
-85.6434

■ 193.2160, 5.3165,
-72.1034

■ 200.9620, 3.9627,
-57.8487

■ 208.5230, 3.1932,
-44.3087

■ 215.9700, 1.9868,
-30.6687

■ 223.5310, 1.2172,
-17.1287

■ 231.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



189.4130, -30.2766, -42.4582



162.7870, 8.9790, -126.9782



164.6040, 36.6772, -144.3577

Triad

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



162.7870, 8.9790, -126.9782



198.1970, 28.0039, -22.0978



192.6330, -33.3431, 54.6959

Complementary

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



162.7870, 8.9790, -126.9782



88.2130, -8.9790, 126.9782

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.



190.0010, -7.8885, 57.0041



162.7870, 8.9790, -126.9782



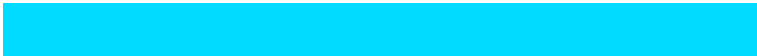
209.2030, 22.5779, 38.4100

Square

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



162.7870, 8.9790, -126.9782



157.6230, 48.0069, -138.2354



197.0860, 16.7196, 50.7906



201.4260, -52.9610, 46.9844

Rectangle

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



162.7870, 8.9790, -126.9782



165.2540, 44.2448, -144.9278



197.0860, 16.7196, 50.7906



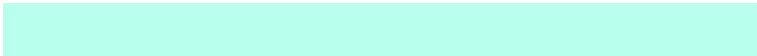
190.8210, -25.0548, 56.2850

Sweetspot

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



162.7870, 8.9790, -126.9782



231.8330, 3.0403, -41.9495



160.3510, -70.1790, -77.4838



113.5900, 1.6811, -25.9504



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



162.7870, 8.9790, -126.9782



171.6870, 10.5073, -150.5695



137.0170, 47.3196, -104.3779



113.3690, 0.3111, -6.4626



121.8650, 7.4616, -106.8756



36.3720, 2.2816, -31.8982

Inverse Universe

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



88.2130, -8.9790, 126.9782



83.3130, -10.5073, 150.5695



113.9830, -47.3196, 104.3779



109.5170, -0.7479, 6.5626



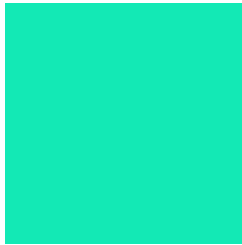
59.1350, -7.4616, 106.8756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 162.7870, 8.9790, -126.9782 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 162.7870, 8.9790, -126.9782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

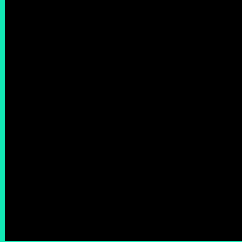
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

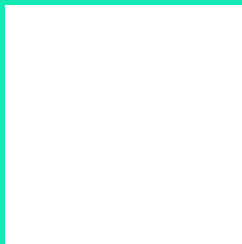
Any Text WCAG AAA ✓ Pass

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

YUV 162.7870, 8.9790, -126.9782 Background



This preview shows how black text looks on a background with the YUV color 162.7870, 8.9790, -126.9782.

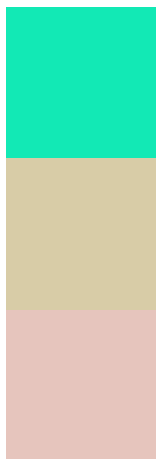


This preview shows how white text looks on a background with the YUV color 162.7870, 8.9790, -126.9782.

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

162.7870, 8.9790, -126.9782

Protanopia

203.3700, -17.9304, 11.0765

Deuteranopia

205.9550, -8.3588, 21.0875



Tritanopia

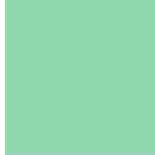
181.9030, 30.1208, -94.6309

Trichromacy



Original Color

162.7870, 8.9790, -126.9782



Protanomaly

188.8690, -8.3164, -39.3501



Deuteranomaly

190.2210, -2.0810, -32.6428



Tritanomaly

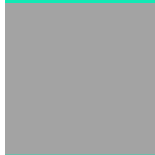
175.0620, 22.1544, -106.1714

Monochromacy



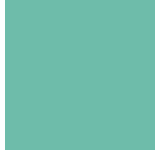
Original Color

162.7870, 8.9790, -126.9782



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

162.6260, 3.6354, -46.1530

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.7870, 8.9790, -126.9782 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(18, 233, 181)` looks like.

```
.text, #text, p{  
    color:rgb(18, 233, 181)  
}
```

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(18, 233, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 233, 181) }
```

Border

The CSS property to change the border of an element to YUV 162.7870, 8.9790, -126.9782 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(18, 233, 181) }
```


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

```
.border{ border-color:rgb(18, 233, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 233, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 233, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 233, 181);  
box-shadow:4px 4px 4px 4px rgb(18, 233,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 162.7870, 8.9790, -126.9782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 233, 181) }
```

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

```
.background{ background-color: rgb(18, 233,  
181) }
```

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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