

Converting Colors

YUV(162.7850, 11.9380,
-142.7624)

Have a look what the booklet for
YUV(162.7850, 11.9380, -142.7624)
contains.

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Color

**YUV(162.7850, 11.9380,
-142.7624)**

Conversions

Conversions Part 1

Format	Color
Hex	00F1BB
RGB	0, 241, 187
RGB Percent	0%, 95%, 73%
CMY	1.0000, 0.0549, 0.2667
CMYK	1.00, 0.00, 0.22, 0.05
HSL	167°, 100%, 47%
HSV	167°, 100%, 95%
XYZ	40.4249, 66.4985, 57.7186
YIQ	162.7850, -126.3020, -67.8860

Conversions

Conversions Part 2

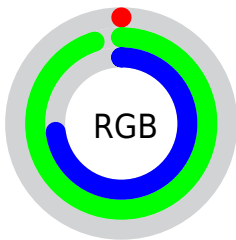
Format	Color
RYB	0, 136, 241
Decimal	61883
CIELab	85.25, -60.41, 12.71
CIELCh	85, 61.728, 168.122
Yxy	66.4985, 0.2455, 0.4039
Android (android.graphics.Color)	4278251963 (0xFF00F1BB)
YUV	162.7850, 11.9380, -142.7624
Hunter-Lab	81.5466, -54.2190, 15.1172

Details

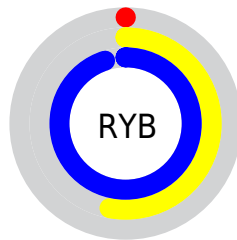
The YUV color **162.7850, 11.9380, -142.7624** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **78.2150, -11.9380, 142.7624**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1740, 15.6902, -86.0986**, and **123.2840, 5.2830, -108.1201** is the 20% darker color. If you saturate the color by 10%, you get **162.7850, 11.9380, -142.7624**, and if you desaturate by 10%, it is **170.5310, 10.5842, -128.5077**.

Distribution



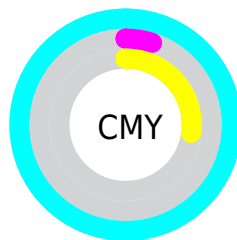
- Red (0%)
- Green (95%)
- Blue (73%)



- Red (0%)
- Yellow (53%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.7850, 11.9380, -142.7624 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 162.7850, 11.9380, -142.7624 by changing the saturation by 10% instead.

■ 162.7850, 11.9380,
-142.7624

■ 162.7850, 11.9380,
-142.7624

■ 255.0000, 0.0000,
0.0000

■ 142.6840, 8.5368,
-125.1339

■ 211.1740, 15.6902,
-86.0986

■ 123.2840, 5.2830,
-108.1201

■ 222.7080, 15.9200,
-66.3959

■ 103.8840, 2.0292,
-91.1063

■ 232.5750, 11.0555,
-46.1083

■ 85.2990, -0.6404,
-74.8072

■ 242.1430, 6.3385,
-26.4354

■ 66.8280, -2.8732,
-58.6082

■ 251.7110, 1.6215,
-6.7625

■ 49.6450, -5.2480,
-43.5387

■ 33.1630, -7.4754,

-29.0840

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 162.7850, 11.9380,
-142.7624

■ 170.5310, 10.5842,
-128.5077

■ 178.3910, 9.6672,
-114.3529

■ 186.1370, 8.3135,
-100.0981

■ 193.9970, 7.3965,
-85.9434

■ 201.7430, 6.0427,
-71.6886

■ 209.7880, 4.5415,
-56.8191

■ 217.6480, 3.6245,
-42.6643

■ 225.3940, 2.2708,
-28.4095

■ 233.2540, 1.3538,
-14.2548

Harmonies

Analogous

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



195.7610, -31.4342, -44.5174



162.7850, 11.9380, -142.7624



170.2120, 37.8565, -149.2759

Triad

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



162.7850, 11.9380, -142.7624



203.8010, 25.2411, -22.6275



196.4970, -33.7690, 51.3071

Complementary

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



162.7850, 11.9380, -142.7624



78.2150, -11.9380, 142.7624

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.



193.6200, -6.7147, 53.8303



162.7850, 11.9380, -142.7624



213.3230, 20.5468, 36.5507

Square

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



162.7850, 11.9380, -142.7624



161.7320, 45.9811, -141.8390



200.9330, 18.7670, 47.4168



205.7630, -54.1132, 43.1808

Rectangle

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



162.7850, 11.9380, -142.7624



169.9500, 41.9297, -149.0461



200.9330, 18.7670, 47.4168



194.7990, -25.0439, 52.7963

Sweetspot

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



162.7850, 11.9380, -142.7624



230.3380, 3.7774, -45.0234



158.2110, -77.9980, -89.6390



112.9920, 1.9759, -27.1800



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.



162.7850, 11.9380, -142.7624



172.2570, 12.6913, -151.0694



131.3730, 54.0461, -115.2141



116.0700, 0.4585, -7.0774



124.1960, 8.7774, -108.9199



37.8880, 3.0132, -33.2278

Inverse Universe

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



78.2150, -11.9380, 142.7624



82.7430, -12.6913, 151.0694



109.6270, -54.0461, 115.2141



111.9300, -0.4585, 7.0774



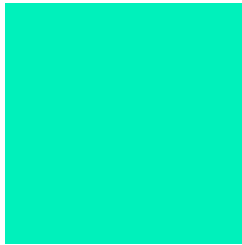
59.6900, -9.2142, 109.0199



18.2260, -2.5764, 33.1278

Previews

White Background



This preview shows how the YUV color 162.7850, 11.9380, -142.7624 looks on a white background.

Color Contrast Check

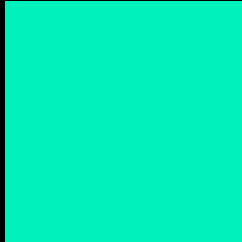
Large Text (above 18pt) WCAG AA × Fail

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 162.7850, 11.9380, -142.7624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

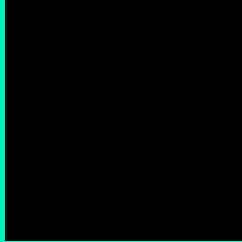
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

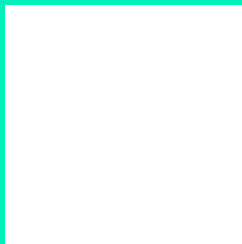
Any Text WCAG AAA ✓ Pass

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

YUV 162.7850, 11.9380, -142.7624 Background



This preview shows how black text looks on a background with the YUV color 162.7850, 11.9380, -142.7624.



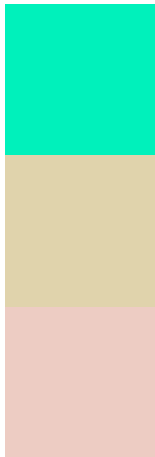
This preview shows how white text looks on a background with the YUV color 162.7850, 11.9380, -142.7624.

-142.7624.

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

162.7850, 11.9380, -142.7624

Protanopia

210.4410, -18.9514, 11.8912

Deuteranopia

212.8410, -8.7956, 21.1874



Tritanopia

187.2230, 31.4421, -98.4196

Trichromacy



Original Color

162.7850, 11.9380, -142.7624



Protanomaly

193.2490, -8.0108, -44.0684



Deuteranomaly

194.4160, -1.1911, -38.0758



Tritanomaly

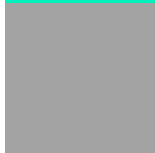
178.2890, 24.5075, -114.2635

Monochromacy



Original Color

162.7850, 11.9380, -142.7624



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

162.8210, 4.5252, -51.5860

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.7850, 11.9380, -142.7624 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(0, 241, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 241, 187)  
}
```

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(0, 241, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 241, 187) }
```

Border

The CSS property to change the border of an element to YUV 162.7850, 11.9380, -142.7624 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(0, 241, 187) }
```


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

```
.border{ border-color:rgb(0, 241, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 241, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 241, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 241, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 241,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 162.7850, 11.9380, -142.7624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 241, 187) }
```

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

```
.background{ background-color: rgb(0, 241,  
187) }
```

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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