

Converting Colors

YUV(161.2710, 11.6984,
-112.4937)

Have a look what the booklet for
YUV(161.2710, 11.6984, -112.4937)
contains.

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Color

**YUV(161.2710, 11.6984,
-112.4937)**

Conversions

Conversions Part 1

Format	Color
Hex	21DEB9
RGB	33, 222, 185
RGB Percent	13%, 87%, 73%
CMY	0.8706, 0.1294, 0.2745
CMYK	0.85, 0.00, 0.17, 0.13
HSL	168°, 74%, 50%
HSV	168°, 85%, 87%
XYZ	35.5054, 56.0687, 54.8499
YIQ	161.2710, -100.7670, -51.5750

Conversions

Conversions Part 2

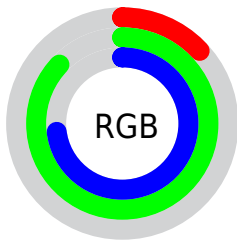
Format	Color
R _Y B	33, 138, 222
Decimal	2219705
CIE Lab	79.65, -52.20, 5.78
CIE LCh	80, 52.517, 173.678
Yxy	56.0687, 0.2425, 0.3829
Android (android.graphics.Color)	4280409785 (0xFF21DEB9)
YUV	161.2710, 11.6984, -112.4937
Hunter-Lab	74.8790, -46.3988, 8.9845

Details

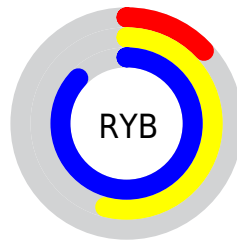
The YUV color **161.2710, 11.6984, -112.4937** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **93.7290, -11.6984, 112.4937**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8430, 14.3744, -84.0543**, and **112.4900, 9.6184, -98.6537** is the 20% darker color. If you saturate the color by 10%, you get **154.2370, 13.1942, -125.6188**, and if you desaturate by 10%, it is **168.3050, 10.2026, -99.3685**.

Distribution



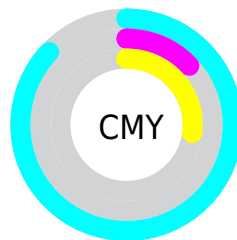
- Red (13%)
- Green (87%)
- Blue (73%)



- Red (13%)
- Yellow (54%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.2710, 11.6984, -112.4937 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 161.2710, 11.6984, -112.4937 by changing the saturation by 10% instead.

■ 161.2710, 11.6984,
-112.4937

■ 161.2710, 11.6984,
-112.4937

■ 255.0000, 0.0000,
0.0000

■ 131.8900, 12.8722,
-115.6675

■ 211.8430, 14.3744,
-84.0543

■ 112.4900, 9.6184,
-98.6537

■ 223.3060, 15.6251,
-65.1664

■ 93.7910, 6.5120,
-82.2547

■ 232.5750, 11.0555,
-46.1083

■ 75.2060, 3.8424,
-65.9557

■ 241.8440, 6.4859,
-27.0502

■ 57.9090, 1.0309,
-50.7862

■ 251.4120, 1.7689,
-7.3773

■ 40.7260, -1.3439,
-35.7167

■ 24.8310, -3.8607,

-21.7768

■ 0.0000, 0.0000,
0.0000

■ 161.2710, 11.6984,
-112.4937

■ 161.2710, 11.6984,
-112.4937

■ 154.2370, 13.1942,
-125.6188

■ 168.3050, 10.2026,
-99.3685

■ 150.7200, 13.9420,
-132.1814

■ 175.4530, 9.1437,
-86.3433

■ 182.7860, 7.5005,
-72.6033

■ 189.8200, 6.0047,
-59.4781

■ 196.9680, 4.9458,
-46.4529

■ 204.0020, 3.4500,
-33.3278

■ 211.0360, 1.9543,
-20.2026

■ 218.4830, 0.7479,
-6.5626

■ 225.5170, -0.7479,
6.5626

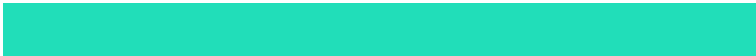
Harmonies

Analogous

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



181.8670, -22.1194, -45.4874



161.2710, 11.6984, -112.4937



157.1040, 38.4027, -137.7802

Triad

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



161.2710, 11.6984, -112.4937



195.3280, 29.4183, -9.0577



191.4760, -35.2377, 55.7105

Complementary

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



161.2710, 11.6984, -112.4937



93.7290, -11.6984, 112.4937

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.



188.5190, -13.5669, 58.3038



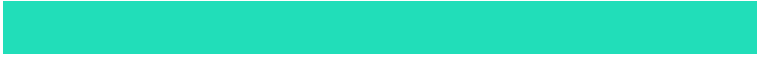
161.2710, 11.6984, -112.4937



203.0120, 25.6301, 39.4545

Square

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



161.2710, 11.6984, -112.4937



176.6030, 38.6497, -76.8278



192.9310, 8.4150, 54.4345



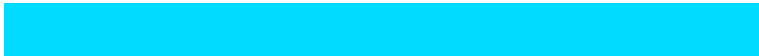
193.8530, -47.2555, 36.9629

Rectangle

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



161.2710, 11.6984, -112.4937



157.6230, 48.0069, -138.2354



192.9310, 8.4150, 54.4345



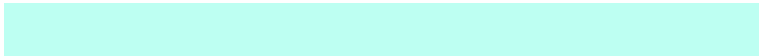
189.9090, -28.5491, 57.0848

Sweetspot

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



161.2710, 11.6984, -112.4937



233.7840, 4.0505, -39.2756



155.3050, -60.2964, -73.9355



115.1280, 2.4019, -23.7913



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.



161.2710, 11.6984, -112.4937



173.0550, 15.7489, -151.7692



132.0300, 44.3552, -86.8493



108.4830, 0.7479, -6.5626



119.5000, 11.0925, -104.8015



32.6220, 3.1444, -28.6095

Inverse Universe

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



93.7290, -11.6984, 112.4937



81.9450, -15.7489, 151.7692



122.9700, -44.3552, 86.8493



104.5170, -0.7479, 6.5626



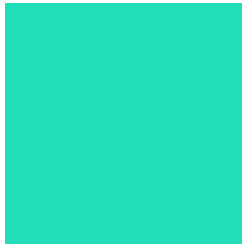
56.5000, -11.0925, 104.8015



15.3780, -3.1444, 28.6095

Previews

White Background



This preview shows how the YUV color 161.2710, 11.6984, -112.4937 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 161.2710, 11.6984, -112.4937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

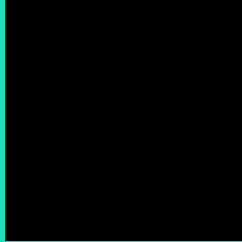
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

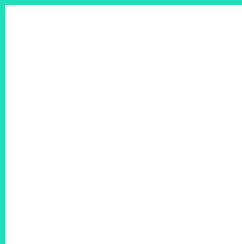
Any Text WCAG AAA ✓ Pass

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

YUV 161.2710, 11.6984, -112.4937 Background



This preview shows how black text looks on a background with the YUV color 161.2710, 11.6984, -112.4937.

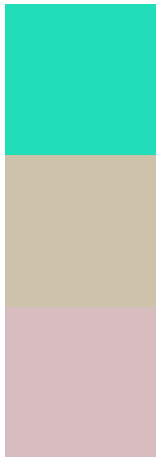


This preview shows how white text looks on a background with the YUV color 161.2710, 11.6984, -112.4937.

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

161.2710, 11.6984, -112.4937

Protanopia

195.2540, -11.9572, 8.5472

Deuteranopia

197.4150, -2.6696, 16.2990



Tritanopia

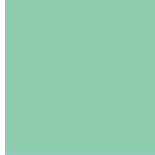
173.6970, 29.2364, -90.9423

Trichromacy



Original Color

161.2710, 11.6984, -112.4937



Protanomaly

182.8570, -3.3805, -35.8316



Deuteranomaly

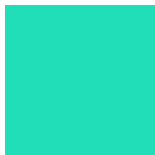
184.0840, 2.4236, -30.7687



Tritanomaly

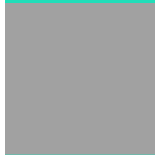
169.6330, 22.8589, -98.7791

Monochromacy



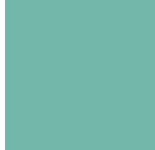
Original Color

161.2710, 11.6984, -112.4937



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

160.8870, 4.4927, -41.1199

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.2710, 11.6984, -112.4937 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(33, 222, 185)` looks like.

```
.text, #text, p{  
    color:rgb(33, 222, 185)  
}
```

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(33, 222, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 222, 185) }
```

Border

The CSS property to change the border of an element to YUV 161.2710, 11.6984, -112.4937 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(33, 222, 185) }
```


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

```
.border{ border-color:rgb(33, 222, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 222, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 222, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 222, 185);  
box-shadow:4px 4px 4px 4px rgb(33, 222,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 161.2710, 11.6984, -112.4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 222, 185) }
```

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

```
.background{ background-color: rgb(33, 222,  
185) }
```

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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