

Converting Colors

YUV(161.4990, 12.5720,
-112.6936)

Have a look what the booklet for
YUV(161.4990, 12.5720, -112.6936)
contains.

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Color

**YUV(161.4990, 12.5720,
-112.6936)**

Conversions

Conversions Part 1

Format	Color
Hex	21DEBB
RGB	33, 222, 187
RGB Percent	13%, 87%, 73%
CMY	0.8706, 0.1294, 0.2667
CMYK	0.85, 0.00, 0.16, 0.13
HSL	169°, 74%, 50%
HSV	169°, 85%, 87%
XYZ	35.7181, 56.1537, 55.9699
YIQ	161.4990, -101.4090, -50.9530

Conversions

Conversions Part 2

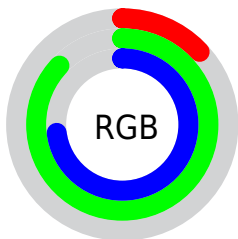
Format	Color
RYB	33, 137, 222
Decimal	2219707
CIELab	79.70, -51.69, 4.79
CIELCh	80, 51.910, 174.705
Yxy	56.1537, 0.2416, 0.3798
Android (android.graphics.Color)	4280409787 (0xFF21DEBB)
YUV	161.4990, 12.5720, -112.6936
Hunter-Lab	74.9358, -46.0557, 8.1711

Details

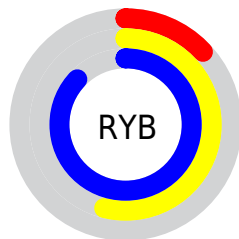
The YUV color **161.4990, 12.5720, -112.6936** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **93.5010, -12.5720, 112.6936**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0710, 15.2480, -84.2543**, and **112.7180, 10.4920, -98.8537** is the 20% darker color. If you saturate the color by 10%, you get **154.4650, 14.0678, -125.8188**, and if you desaturate by 10%, it is **168.5330, 11.0762, -99.5684**.

Distribution



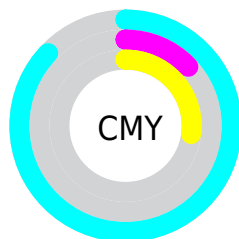
- Red (13%)
- Green (87%)
- Blue (73%)



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



- Cyan (85%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 161.4990, 12.5720, -112.6936 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 161.4990, 12.5720, -112.6936 by changing the saturation by 10% instead.

161.4990, 12.5720,
-112.6936

161.4990, 12.5720,
-112.6936

255.0000, 0.0000,
0.0000

132.1180, 13.7458,
-115.8675

212.0710, 15.2480,
-84.2543

112.7180, 10.4920,
-98.8537

223.3060, 15.6251,
-65.1664

94.0190, 7.3856,
-82.4547

232.5750, 11.0555,
-46.1083

75.3200, 4.2792,
-66.0556

242.1430, 6.3385,
-26.4354

58.0230, 1.4677,
-50.8862

251.4120, 1.7689,
-7.3773

40.9540, -0.4703,
-35.9167

25.0590, -2.9871,

-21.9767

■ 0.0000, 0.0000,
0.0000

■ 161.4990, 12.5720,
-112.6936

■ 161.4990, 12.5720,
-112.6936

■ 154.4650, 14.0678,
-125.8188

■ 168.5330, 11.0762,
-99.5684

■ 150.9480, 14.8156,
-132.3814

■ 175.5670, 9.5805,
-86.4433

■ 182.9000, 7.9373,
-72.7033

■ 189.9340, 6.4415,
-59.5781

■ 197.0820, 5.3826,
-46.5529

■ 204.1160, 3.8868,
-33.4277

■ 211.1500, 2.3911,
-20.3025

■ 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.



181.9100, -20.6616, -46.4021



161.4990, 12.5720, -112.6936



157.2180, 38.8395, -137.8802

Triad

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



161.4990, 12.5720, -112.6936



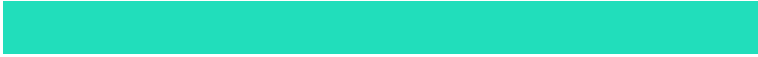
195.6380, 29.2655, -6.6985



192.0630, -35.5271, 55.1957

Complementary

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



161.4990, 12.5720, -112.6936



93.5010, -12.5720, 112.6936

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.



188.9920, -14.2931, 57.8890



161.4990, 12.5720, -112.6936



203.4960, 24.8985, 40.7840

Square

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



161.4990, 12.5720, -112.6936



178.1090, 37.9073, -72.0096



192.7030, 7.5414, 54.6345



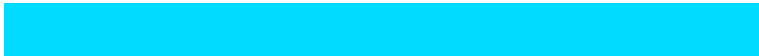
194.2550, -46.9607, 35.7334

Rectangle

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



161.4990, 12.5720, -112.6936



157.6230, 48.0069, -138.2354



192.7030, 7.5414, 54.6345



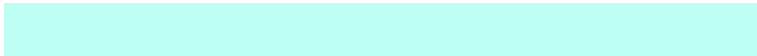
190.4960, -28.8385, 56.5700

Sweetspot

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



161.4990, 12.5720, -112.6936



233.8980, 4.4873, -39.3755



155.3050, -60.2964, -73.9355



115.1280, 2.4019, -23.7913



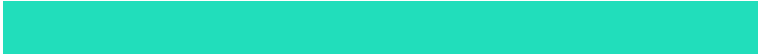
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



161.4990, 12.5720, -112.6936



173.3970, 17.0593, -152.0692



132.0300, 44.3552, -86.8493



108.4830, 0.7479, -6.5626



119.6140, 11.5293, -104.9015



32.6220, 3.1444, -28.6095

Inverse Universe

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



93.5010, -12.5720, 112.6936



81.6030, -17.0593, 152.0692



122.9700, -44.3552, 86.8493



104.5170, -0.7479, 6.5626



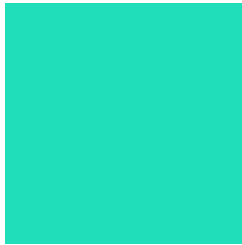
56.3860, -11.5293, 104.9015



15.3780, -3.1444, 28.6095

Previews

White Background



This preview shows how the YUV color 161.4990, 12.5720, -112.6936 looks on a white background.

Color Contrast Check

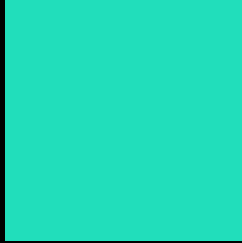
Large Text (above 18pt) WCAG AA × Fail

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 161.4990, 12.5720, -112.6936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

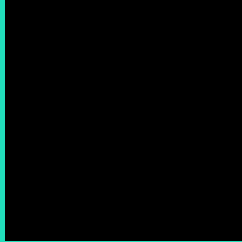
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

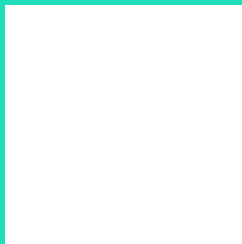
Any Text WCAG AAA ✓ Pass

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

YUV 161.4990, 12.5720, -112.6936 Background



This preview shows how black text looks on a background with the YUV color 161.4990, 12.5720, -112.6936.

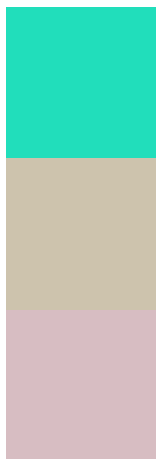


This preview shows how white text looks on a background with the YUV color 161.4990, 12.5720, -112.6936.

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

161.4990, 12.5720, -112.6936

Protanopia

195.4820, -11.0836, 8.3473

Deuteranopia

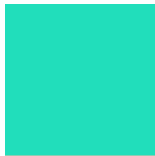
197.3440, -1.6486, 15.4843



Tritanopia

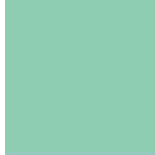
173.9850, 29.0944, -92.0718

Trichromacy



Original Color

161.4990, 12.5720, -112.6936



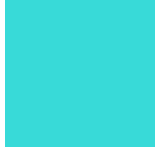
Protanomaly

183.0850, -2.5069, -36.0315



Deuteranomaly

184.3120, 3.2972, -30.9686



Tritanomaly

169.3340, 23.0063, -99.3939

Monochromacy



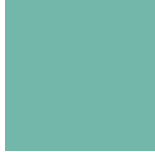
Original Color

161.4990, 12.5720, -112.6936



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 161.4990, 12.5720, -112.6936 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(33, 222, 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(33, 222, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 222, 187) }
```

Border

The CSS property to change the border of an element to YUV 161.4990, 12.5720, -112.6936 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, 187) }
```


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

```
.border{ border-color:rgb(33, 222, 187) }
```

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, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 222, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 222, 187);  
box-shadow:4px 4px 4px 4px rgb(33, 222,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 161.4990, 12.5720, -112.6936 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, 187) }
```

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

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