

Converting Colors

YUV(152.9570, 21.2202,
-133.2663)

Have a look what the booklet for
YUV(152.9570, 21.2202, -133.2663)
contains.

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Color

**YUV(152.9570, 21.2202,
-133.2663)**

Conversions

Conversions Part 1

Format	Color
Hex	01DEC4
RGB	1, 222, 196
RGB Percent	0%, 87%, 77%
CMY	0.9961, 0.1294, 0.2314
CMYK	1.00, 0.00, 0.12, 0.13
HSL	173°, 99%, 44%
HSV	173°, 100%, 87%
XYZ	36.0976, 56.2345, 61.1764
YIQ	152.9570, -123.3700, -54.9380

Conversions

Conversions Part 2

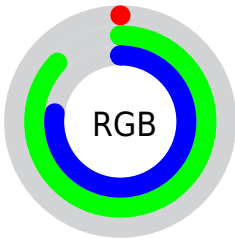
Format	Color
R _Y B	1, 118, 222
Decimal	122564
CIE Lab	79.75, -50.61, 0.05
CIE LCh	80, 50.613, 179.946
Yxy	56.2345, 0.2352, 0.3663
Android (android.graphics.Color)	4278312644 (0xFF01DEC4)
YUV	152.9570, 21.2202, -133.2663
Hunter-Lab	74.9897, -45.3078, 4.1242

Details

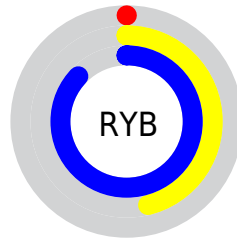
The YUV color **152.9570, 21.2202, -133.2663** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed cyan. A complement of this color would be **70.0430, -21.2202, 133.2663**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1180, 20.6478, -89.5575**, and **113.6300, 13.9864, -99.6535** is the 20% darker color. If you saturate the color by 10%, you get **152.6580, 21.3676, -133.8811**, and if you desaturate by 10%, it is **159.8770, 19.2876, -120.0411**.

Distribution



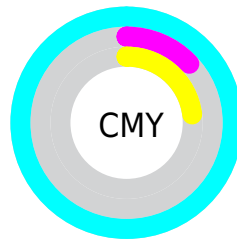
- Red (0%)
- Green (87%)
- Blue (77%)



- Red (0%)
- Yellow (46%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.9570, 21.2202, -133.2663 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 152.9570, 21.2202, -133.2663 by changing the saturation by 10% instead.

152.9570, 21.2202,
-133.2663

152.9570, 21.2202,
-133.2663

255.0000, 0.0000,
0.0000

133.1440, 17.6770,
-116.7673

211.1180, 20.6478,
-89.5575

113.6300, 13.9864,
-99.6535

221.5120, 16.5096,
-68.8550

94.9310, 10.8800,
-83.2545

231.0800, 11.7926,
-49.1822

76.2320, 7.7736,
-66.8555

240.6480, 7.0755,
-29.5093

58.9350, 4.9620,
-51.6860

249.9170, 2.5059,
-10.4512

41.7520, 2.5873,
-36.6165

26.4440, -0.2189,

-23.1914

■ 0.0000, 0.0000,
0.0000

■ 152.9570, 21.2202,
-133.2663

■ 152.9570, 21.2202,
-133.2663

■ 152.6580, 21.3676,
-133.8811

■ 159.8770, 19.2876,
-120.0411

■ 166.6830, 16.9183,
-106.7160

■ 173.9020, 14.8383,
-92.8761

■ 180.7080, 12.4690,
-79.5509

■ 187.6280, 10.5364,
-66.3258

■ 194.5480, 8.6038,
-53.1006

■ 201.3540, 6.2345,
-39.7755

■ 208.5730, 4.1545,
-25.9355

■ 215.4930, 2.2220,
-12.7104

Harmonies

Analogous

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



180.8320, -15.6932, -53.3497



152.9570, 21.2202, -133.2663



157.4290, 42.1865, -138.0652

Triad

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



152.9570, 21.2202, -133.2663



197.7640, 28.2173, 2.8380



194.0690, -37.9950, 53.4365

Complementary

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



152.9570, 21.2202, -133.2663



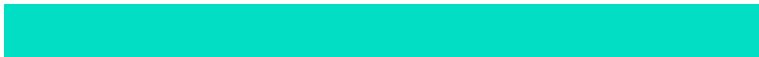
70.0430, -21.2202, 133.2663

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.



189.9550, -18.2188, 57.0445



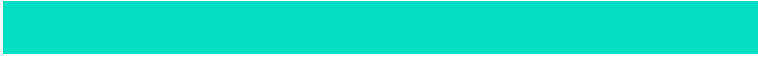
152.9570, 21.2202, -133.2663



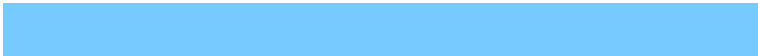
202.9050, 21.2458, 45.6873

Square

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



152.9570, 21.2202, -133.2663



183.2250, 35.3851, -56.3253



192.3780, 3.7576, 54.9195



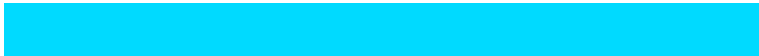
193.8520, -45.7760, 29.0708

Rectangle

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



152.9570, 21.2202, -133.2663



157.0360, 48.2963, -137.7206



192.3780, 3.7576, 54.9195



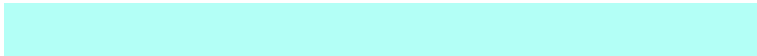
192.2740, -32.1801, 55.0107

Sweetspot

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



152.9570, 21.2202, -133.2663



231.2500, 7.2717, -45.8233



139.3980, -68.2302, -95.9420



113.5620, 4.1599, -27.6799



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.



152.9570, 21.2202, -133.2663



175.3350, 24.4848, -153.7688



108.3740, 56.0176, -94.1670



108.5970, 1.1847, -6.6626



120.9820, 16.7709, -106.1012



33.0780, 4.8915, -29.0094

Inverse Universe

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



70.0430, -21.2202, 133.2663



79.6650, -24.4848, 153.7688



114.6260, -56.0176, 94.1670



104.4030, -1.1847, 6.6626



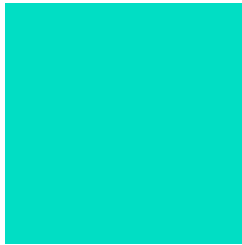
55.0180, -16.7709, 106.1012



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 152.9570, 21.2202, -133.2663 looks on a white background.

Color Contrast Check

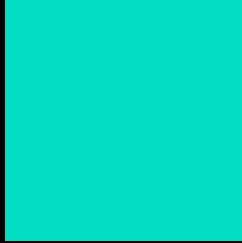
Large Text (above 18pt) WCAG AA × Fail

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 152.9570, 21.2202, -133.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

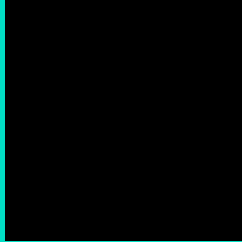
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

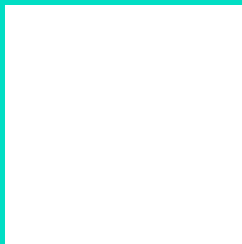
Any Text WCAG AAA ✓ Pass

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

YUV 152.9570, 21.2202, -133.2663 Background



This preview shows how black text looks on a background with the YUV color 152.9570, 21.2202, -133.2663.

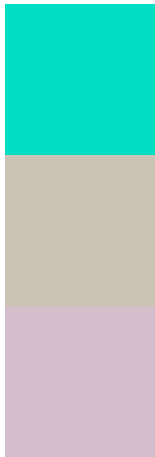


This preview shows how white text looks on a background with the YUV color 152.9570, 21.2202, -133.2663.

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

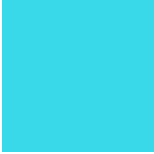
152.9570, 21.2202, -133.2663

Protanopia

195.7960, -7.2944, 6.3179

Deuteranopia

198.0600, 2.4354, 12.2254



Tritanopia

171.3970, 30.8633, -99.4492

Trichromacy



Original Color

152.9570, 21.2202, -133.2663



Protanomaly

180.4090, 2.7564, -44.2087



Deuteranomaly

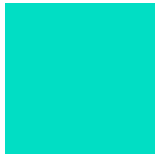
181.7390, 9.0027, -40.9901



Tritanomaly

164.6960, 27.2649, -111.9894

Monochromacy



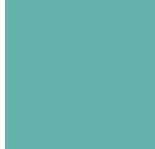
Original Color

152.9570, 21.2202, -133.2663



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.0540, 7.8614, -48.2824

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.9570, 21.2202, -133.2663 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(1, 222, 196)` looks like.

```
.text, #text, p{  
    color:rgb(1, 222, 196)  
}
```

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(1, 222, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 222, 196) }
```

Border

The CSS property to change the border of an element to YUV 152.9570, 21.2202, -133.2663 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(1, 222, 196) }
```


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

```
.border{ border-color:rgb(1, 222, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 222, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 222, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 222, 196);  
box-shadow:4px 4px 4px 4px rgb(1, 222,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 152.9570, 21.2202, -133.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 222, 196) }
```

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

```
.background{ background-color: rgb(1, 222,  
196) }
```

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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