

# Converting Colors

YUV(161.5330, 20.9362,  
-135.5254)

Have a look what the booklet for  
YUV(161.5330, 20.9362, -135.5254)  
contains.

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# Color

**YUV(161.5330, 20.9362,  
-135.5254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07E8CC
RGB	7, 232, 204
RGB Percent	3%, 91%, 80%
CMY	0.9725, 0.0902, 0.2000
CMYK	0.97, 0.00, 0.12, 0.09
HSL	173°, 94%, 47%
HSV	173°, 97%, 91%
XYZ	39.8433, 62.1180, 67.0168
YIQ	161.5330, -125.1120, -56.4080

# Conversions

## Conversions Part 2

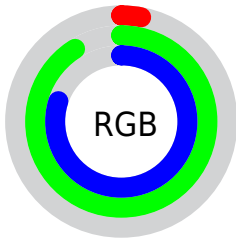
Format	Color
<a href="#">RYB</a>	<a href="#">7, 127, 232</a>
Decimal	<a href="#">518348</a>
CIELab	<a href="#">82.98, -52.42, 0.52</a>
CIElCh	<a href="#">83, 52.419, 179.429</a>
Yxy	<a href="#">62.1180, 0.2358, 0.3676</a>
Android (android.graphics.Color)	<a href="#">4278708428 (0xFF07E8CC)</a>
YUV	<a href="#">161.5330, 20.9362, -135.5254</a>
Hunter-Lab	<a href="#">78.8150, -47.6892, 4.7559</a>

# Details

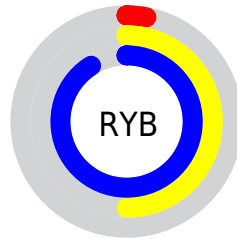
The YUV color **161.5330, 20.9362, -135.5254** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **77.4670, -20.9362, 135.5254**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5420, 20.9318, -87.2983**, and **119.8250, 14.8763, -105.0865** is the 20% darker color. If you saturate the color by 10%, you get **159.3260, 21.5313, -139.7289**, and if you desaturate by 10%, it is **168.7520, 18.8563, -121.6855**.

# Distribution



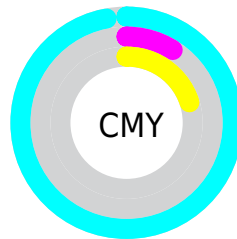
- Red (3%)
- Green (91%)
- Blue (80%)



- Red (3%)
- Yellow (50%)
- Blue (91%)



- Cyan (97%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (97%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 161.5330, 20.9362, -135.5254 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 161.5330, 20.9362, -135.5254 by changing the saturation by 10% instead.



161.5330, 20.9362,  
-135.5254

161.5330, 20.9362,  
-135.5254

255.0000, 0.0000,  
0.0000

139.3390, 18.5669,  
-122.2003

212.5420, 20.9318,  
-87.2983

119.8250, 14.8763,  
-105.0865

222.7080, 15.9200,  
-66.3959

101.0120, 11.3331,  
-88.5875

232.2760, 11.2029,  
-46.7231

82.3130, 8.2267,  
-72.1885

241.8440, 6.4859,  
-27.0502

64.4290, 5.7045,  
-56.5042

251.4120, 1.7689,  
-7.3773

47.1320, 2.8929,  
-41.3348

31.8240, 0.0868,

-27.9096

■ 12.1790, -1.5672,  
-10.6810

■ 0.0000, 0.0000,  
0.0000

■ 161.5330, 20.9362,  
-135.5254

■ 161.5330, 20.9362,  
-135.5254

■ 159.3260, 21.5313,  
-139.7289

■ 168.7520, 18.8563,  
-121.6855

■ 175.9710, 16.7763,  
-107.8456

■ 183.4890, 14.5489,  
-93.3909

■ 190.7080, 12.4690,  
-79.5509

■ 197.8130, 9.9522,  
-65.6110

■ 205.0320, 7.8722,  
-51.7711

■ 212.2510, 5.7923,  
-37.9311

■ 219.7690, 3.5649,  
-23.4764

■ 226.9880, 1.4849,  
-9.6365

# Harmonies

## Analogous

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



189.4790, -16.9981, -54.7941



161.5330, 20.9362, -135.5254



164.4390, 43.6606, -144.2130

# Triad

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



161.5330, 20.9362, -135.5254



205.4390, 24.4336, 3.1230



199.4490, -37.6894, 48.7182

# Complementary

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



161.5330, 20.9362, -135.5254



77.4670, -20.9362, 135.5254

# 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.



194.9760, -16.7502, 52.6410



161.5330, 20.9362, -135.5254



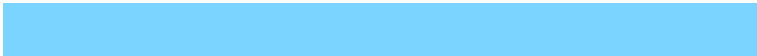
208.6270, 22.8619, 40.6691

# Square

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



161.5330, 20.9362, -135.5254



190.2910, 31.9015, -59.0142



197.6270, 6.0999, 50.3161



202.4070, -47.5287, 31.2151



# Rectangle

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



161.5330, 20.9362, -135.5254



162.9060, 45.4023, -142.8686



197.6270, 6.0999, 50.3161



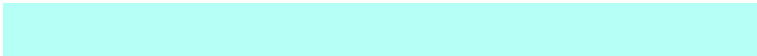
197.1810, -31.1482, 50.7073

# Sweetspot

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



161.5330, 20.9362, -135.5254



231.8480, 6.9769, -44.5937



148.0450, -69.5352, -97.3865



113.8610, 4.0125, -27.0651



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.



161.5330, 20.9362, -135.5254



175.1070, 23.6112, -153.5688



116.0040, 57.1860, -95.5965



111.1840, 0.8953, -7.1774



122.8570, 16.3395, -107.7456



35.0670, 4.8970, -30.7538



# Inverse Universe

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



77.4670, -20.9362, 135.5254



79.8930, -23.6112, 153.5688



122.9960, -57.1860, 95.5965



106.8160, -0.8953, 7.1774



56.0290, -16.7763, 107.8456

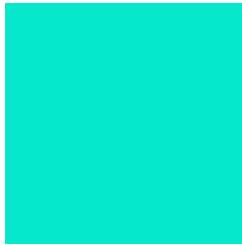


15.9330, -4.8970, 30.7538



# Previews

## White Background



This preview shows how the YUV color 161.5330, 20.9362, -135.5254 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

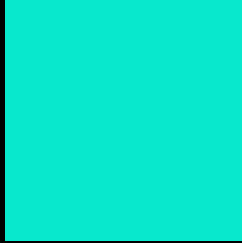
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 161.5330, 20.9362, -135.5254 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

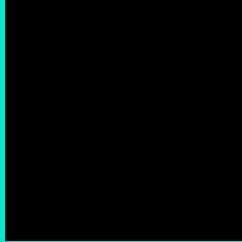
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

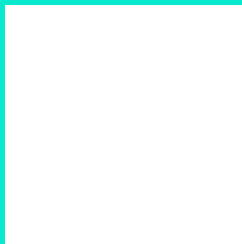
Any Text WCAG AAA ✓ Pass

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

# YUV 161.5330, 20.9362, -135.5254 Background



This preview shows how black text looks on a background with the YUV color 161.5330, 20.9362, -135.5254.



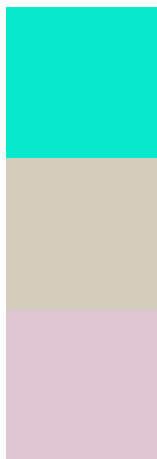
This preview shows how white text looks on a background with the YUV color 161.5330, 20.9362, -135.5254.

-135.5254.

# 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

161.5330, 20.9362, -135.5254

### Protanopia

204.6820, -7.7312, 6.4179

### Deuteranopia

207.2450, 1.8512, 12.9401



## Tritanopia

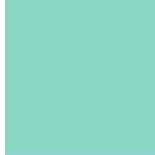
179.1300, 32.4739, -102.7230

# Trichromacy



## Original Color

161.5330, 20.9362, -135.5254



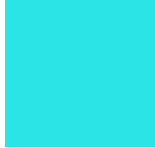
## Protanomaly

188.6970, 2.6144, -45.3383



## Deuteranomaly

190.6250, 8.5659, -40.8901



## Tritanomaly

172.6140, 28.2913, -114.5485

# Monochromacy



## Original Color

161.5330, 20.9362, -135.5254



## Achromatopsia

162.0000, 0.0000, 0.0000



## Achromatomaly

161.6410, 7.5720, -48.7972

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 161.5330, 20.9362, -135.5254 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(7, 232, 204)` looks like.

```
.text, #text, p{  
    color:rgb(7, 232, 204)  
}
```

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(7, 232, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 232, 204) }
```

## Border

The CSS property to change the border of an element to YUV 161.5330, 20.9362, -135.5254 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(7, 232, 204) }
```



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

```
.border{ border-color:rgb(7, 232, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 232, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 232, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 232, 204);  
box-shadow:4px 4px 4px 4px rgb(7, 232,  
204) }
```

# Background

The CSS property to change the background color of an element to YUV 161.5330, 20.9362, -135.5254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 232, 204) }
```

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

```
.background{ background-color: rgb(7, 232,  
204) }
```

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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