

Converting Colors

YUV(137.9390, 35.5261,
-101.6785)

Have a look what the booklet for
YUV(137.9390, 35.5261, -101.6785)
contains.

YUV(137.9390, 35.5261, -101.6785)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(137.9390, 35.5261,
-101.6785)**

Conversions

Conversions Part 1

Format	Color
Hex	16B7D2
RGB	22, 183, 210
RGB Percent	9%, 72%, 82%
CMY	0.9137, 0.2824, 0.1765
CMYK	0.90, 0.13, 0.00, 0.18
HSL	189°, 81%, 45%
HSV	189°, 90%, 82%
XYZ	28.8972, 38.6907, 66.9178
YIQ	137.9390, -104.6230, -25.7350

Conversions

Conversions Part 2

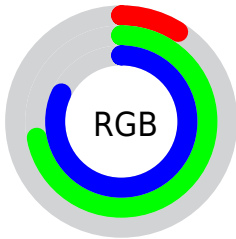
Format	Color
R _Y B	22, 109, 210
Decimal	1488850
CIE Lab	68.53, -28.13, -24.31
CIE LCh	69, 37.177, 220.830
Yxy	38.6907, 0.2148, 0.2877
Android (android.graphics.Color)	4279678930 (0xFF16B7D2)
YUV	137.9390, 35.5261, -101.6785
Hunter-Lab	62.2018, -25.9272, -20.2439

Details

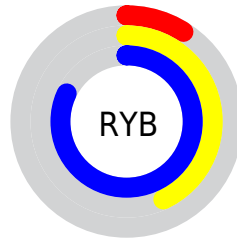
The YUV color **137.9390, 35.5261, -101.6785** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **94.0610, -35.5261, 101.6785**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9540, 26.1517, -81.5207**, and **93.9800, 30.0829, -82.4205** is the 20% darker color. If you saturate the color by 10%, you get **129.8990, 39.4898, -113.0444**, and if you desaturate by 10%, it is **145.9790, 31.5624, -90.3126**.

Distribution



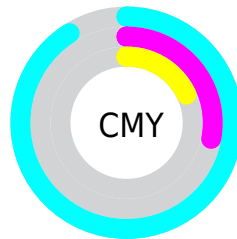
- Red (9%)
- Green (72%)
- Blue (82%)



- Red (9%)
- Yellow (43%)
- Blue (82%)



- Cyan (90%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (91%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9390, 35.5261, -101.6785 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 137.9390, 35.5261, -101.6785 by changing the saturation by 10% instead.

■ 137.9390, 35.5261,
-101.6785

■ 137.9390, 35.5261,
-101.6785

■ 255.0000, 0.0000,
0.0000

■ 112.3200, 34.3522,
-98.5046

■ 201.9540, 26.1517,
-81.5207

■ 93.9800, 30.0829,
-82.4205

■ 220.9140, 16.8044,
-70.0846

■ 75.7540, 26.2503,
-66.4363

■ 230.1830, 12.2348,
-51.0265

■ 58.8160, 22.2757,
-51.5816

■ 239.4520, 7.6652,
-31.9684

■ 41.9920, 18.7379,
-36.8270

■ 248.7210, 3.0955,
-12.9103

■ 27.6300, 14.4794,
-24.2315

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 137.9390, 35.5261,
-101.6785

■ 137.9390, 35.5261,
-101.6785

■ 129.8990, 39.4898,
-113.0444

■ 145.9790, 31.5624,
-90.3126

■ 129.6000, 39.6372,
-113.6592

■ 154.0190, 27.5986,
-78.9467

■ 162.0590, 23.6349,
-67.5807

■ 170.0990, 19.6712,
-56.2148

■ 178.1390, 15.7075,
-44.8489

■ 186.1790, 11.7438,
-33.4830

■ 194.2190, 7.7800,
-22.1171

■ 202.2590, 3.8163,
-10.7511

■ 210.2990, -0.1474,
0.6148

Harmonies

Analogous

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



143.9510, 17.2792, -82.3950



137.9390, 35.5261, -101.6785



154.0390, 37.4488, -64.9322

Triad

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



137.9390, 35.5261, -101.6785



171.6690, 9.0372, 41.5093



163.5260, -31.3183, 11.8167

Complementary

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



137.9390, 35.5261, -101.6785



94.0610, -35.5261, 101.6785

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.



166.7940, -30.9574, 36.1377



137.9390, 35.5261, -101.6785



170.2180, -7.0095, 55.0598

Square

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



137.9390, 35.5261, -101.6785



171.1630, 23.0906, 13.8890



168.7110, -21.5495, 51.9965



159.4560, -21.9168, -17.0629

Rectangle

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



137.9390, 35.5261, -101.6785



162.3460, 35.3254, -37.1374



168.7110, -21.5495, 51.9965



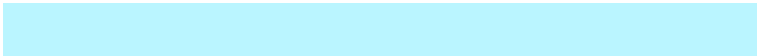
164.3530, -32.2190, 20.7384

Sweetspot

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



137.9390, 35.5261, -101.6785



228.4990, 13.0650, -37.2716



135.2060, -43.4856, -99.2817



112.2190, 7.7800, -22.1171



0.0000, 0.0000, 0.0000



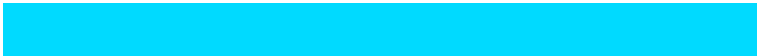
128.0000, 0.0000, 0.0000

Same Dimension

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



137.9390, 35.5261, -101.6785



157.0360, 48.2963, -137.7206



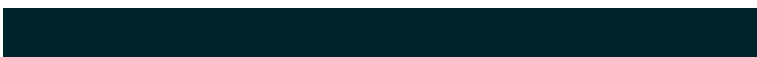
83.9350, 62.1500, -54.3170



100.5370, 2.2003, -5.7329



103.6800, 31.7098, -90.9274



25.2190, 7.7800, -22.1171

Inverse Universe

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



96.5660, 42.6120, 99.4816



101.0970, 57.6332, 134.9729



148.0650, -62.1500, 54.3170



98.3150, 2.3097, 5.8627



66.6480, 38.1345, 88.8857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 137.9390, 35.5261, -101.6785 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 137.9390, 35.5261, -101.6785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

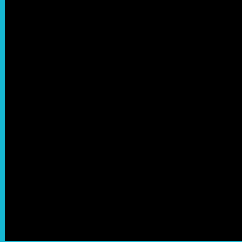
Any Text WCAG AA ✓ Pass

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 137.9390, 35.5261, -101.6785 Background



This preview shows how black text looks on a background with the YUV color 137.9390, 35.5261, -101.6785.



This preview shows how white text looks on a background with the YUV color 137.9390, 35.5261, -101.6785.

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

137.9390, 35.5261, -101.6785

Protanopia

166.2670, 15.1514, -6.3732

Deuteranopia

166.8350, 23.7453, -9.5023



Tritanopia

130.6940, 33.6749, -114.6186

Trichromacy



Original Color

137.9390, 35.5261, -101.6785

Protanomaly

155.9960, 22.6800, -41.2155

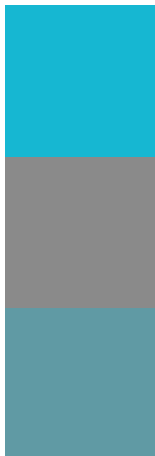
Deuteranomaly

156.0650, 28.0690, -43.0300

Tritanomaly

133.5420, 34.2428, -110.1003

Monochromacy



Original Color

137.9390, 35.5261, -101.6785

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7980, 12.9176, -36.6568

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9390, 35.5261, -101.6785 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(22, 183, 210)` looks like.

```
.text, #text, p{  
    color:rgb(22, 183, 210)  
}
```

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(22, 183, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 183, 210) }
```

Border

The CSS property to change the border of an element to YUV 137.9390, 35.5261, -101.6785 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(22, 183, 210) }
```


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

```
.border{ border-color:rgb(22, 183, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 183, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 183, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 183, 210);  
box-shadow:4px 4px 4px 4px rgb(22, 183,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 137.9390, 35.5261, -101.6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 183, 210) }
```

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

```
.background{ background-color: rgb(22, 183,  
210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor