

Converting Colors

YUV(162.9340, 42.9235,
-141.1391)

Have a look what the booklet for
YUV(162.9340, 42.9235, -141.1391)
contains.

YUV(162.9340, 42.9235, -141.1391)	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(162.9340, 42.9235,
-141.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	02E4FA
RGB	2, 228, 250
RGB Percent	1%, 89%, 98%
CMY	0.9922, 0.1059, 0.0196
CMYK	0.99, 0.09, 0.00, 0.02
HSL	185°, 98%, 49%
HSV	185°, 99%, 98%
XYZ	45.0238, 62.4018, 100.1142
YIQ	162.9340, -141.7580, -41.0700

Conversions

Conversions Part 2

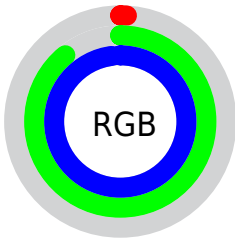
Format	Color
R_{YB}	2, 120, 250
Decimal	189690
CIE _{Lab}	83.13, -37.50, -23.57
CIE _{LCh}	83, 44.296, 212.151
Yxy	62.4018, 0.2169, 0.3007
Android (android.graphics.Color)	4278379770 (0xFF02E4FA)
YUV	162.9340, 42.9235, -141.1391
Hunter-Lab	78.9948, -36.5034, -19.8449

Details

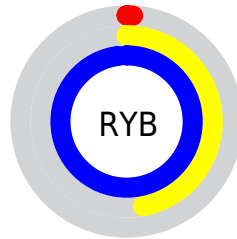
The YUV color **162.9340, 42.9235, -141.1391** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light saturated cyan. A complement of this color would be **89.0660, -42.9235, 141.1391**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **122.9660, 34.5268, -107.8412** is the 20% darker color. If you saturate the color by 10%, you get **162.3360, 43.2184, -142.3687**, and if you desaturate by 10%, it is **171.5830, 38.6596, -126.7993**.

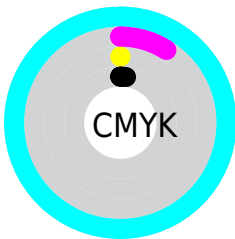
Distribution



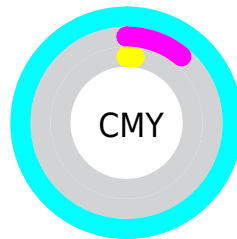
- Red (1%)
- Green (89%)
- Blue (98%)



- Red (1%)
- Yellow (47%)
- Blue (98%)



- Cyan (99%)
- Magenta (9%)
- Yellow (0%)
- Black (2%)



- Cyan (99%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.9340, 42.9235, -141.1391 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 162.9340, 42.9235, -141.1391 by changing the saturation by 10% instead.

162.9340, 42.9235,
-141.1391

162.9340, 42.9235,
-141.1391

255.0000, 0.0000,
0.0000

142.5940, 38.6542,
-125.0549

213.7380, 20.3422,
-84.8392

122.9660, 34.5268,
-107.8412

224.2030, 15.1829,
-63.3220

104.0390, 30.5468,
-91.2422

234.0700, 10.3185,
-43.0344

85.8130, 26.7142,
-75.2580

243.9370, 5.4541,
-22.7467

67.5870, 22.8816,
-59.2738

253.5050, 0.7370,
-3.0739

50.7630, 19.3438,
-44.5192

34.5260, 15.5167,

-30.2793

■ 17.3430, 13.1419,
-15.2098

■ 3.2090, 9.7570,
-2.8143

■ 162.9340, 42.9235,
-141.1391

■ 162.9340, 42.9235,
-141.1391

■ 162.3360, 43.2184,
-142.3687

■ 171.5830, 38.6596,
-126.7993

■ 180.2320, 34.3956,
-112.4595

■ 189.4680, 29.8423,
-98.6344

■ 198.1170, 25.5783,
-84.2946

■ 206.7660, 21.3144,
-69.9548

■ 215.4150, 17.0504,
-55.6150

■ 224.6510, 12.4971,
-41.7899

■ 233.3000, 8.2331,
-27.4501

■ 241.9490, 3.9691,
-13.1103

Harmonies

Analogous

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



181.5710, 13.5225, -90.8318



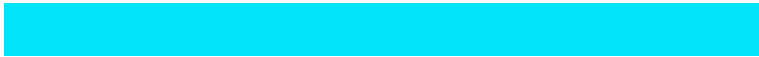
162.9340, 42.9235, -141.1391



181.5100, 36.2306, -94.2863

Triad

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



162.9340, 42.9235, -141.1391



210.6500, 17.9206, 38.8950



204.0130, -39.9394, 23.6676

Complementary

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



162.9340, 42.9235, -141.1391



89.0660, -42.9235, 141.1391

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.



203.6380, -34.3315, 45.0445



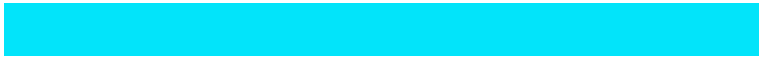
162.9340, 42.9235, -141.1391



201.8670, 2.0376, 46.5976

Square

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



162.9340, 42.9235, -141.1391



208.1190, 23.1123, 6.9116



200.1280, -17.3181, 48.1227



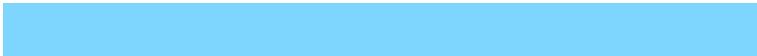
199.5680, -31.8320, -10.1451

Rectangle

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



162.9340, 42.9235, -141.1391



192.3620, 30.8805, -58.1995



200.1280, -17.3181, 48.1227



205.0790, -39.9719, 34.1337

Sweetspot

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



162.9340, 42.9235, -141.1391



228.1670, 13.2287, -43.1195



149.9700, -62.5962, -129.7697



111.3110, 8.2277, -25.7057



0.0000, 0.0000, 0.0000



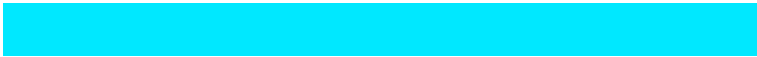
128.0000, 0.0000, 0.0000

Same Dimension

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



162.9340, 42.9235, -141.1391



165.2540, 44.2448, -144.9278



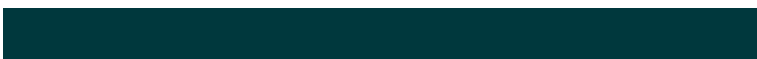
90.7330, 78.5186, -77.8188



120.5260, 2.2057, -7.4773



122.5100, 32.7796, -107.4413



39.8260, 10.4388, -34.9274

Inverse Universe

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



101.9160, 62.1594, 129.8697



102.6930, 63.7484, 133.5732



161.2670, -78.5186, 77.8188



117.2550, 3.3253, 6.7924



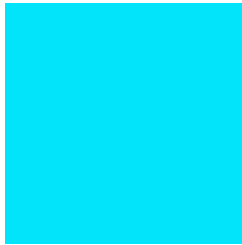
76.1190, 47.2693, 98.9966



24.6230, 15.4689, 31.9026

Previews

White Background



This preview shows how the YUV color 162.9340, 42.9235, -141.1391 looks on a white background.

Color Contrast Check

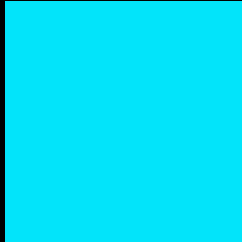
Large Text (above 18pt) WCAG AA × Fail

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 162.9340, 42.9235, -141.1391 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 162.9340, 42.9235, -141.1391 Background



This preview shows how black text looks on a background with the YUV color 162.9340, 42.9235, -141.1391.



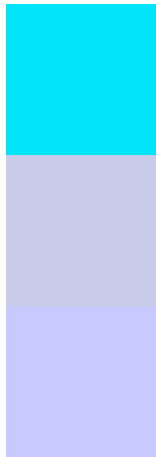
This preview shows how white text looks on a background with the YUV color 162.9340, 42.9235, -141.1391.

-141.1391.

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

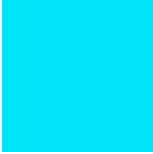
162.9340, 42.9235, -141.1391

Protanopia

206.2240, 13.6936, -5.4584

Deuteranopia

206.5580, 23.8819, -6.6284



Tritanopia

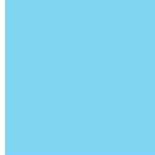
161.9940, 41.9080, -142.0687

Trichromacy



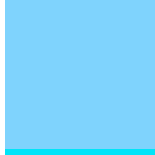
Original Color

162.9340, 42.9235, -141.1391



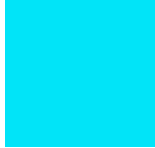
Protanomaly

190.6630, 24.3231, -54.9555



Deuteranomaly

190.6720, 30.7277, -55.8403



Tritanomaly

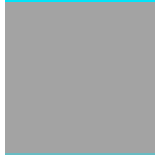
162.4070, 42.1973, -141.5539

Monochromacy



Original Color

162.9340, 42.9235, -141.1391



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.0950, 15.7292, -51.8263

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.9340, 42.9235, -141.1391 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(2, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(2, 228, 250)  
}
```

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(2, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 228, 250) }
```

Border

The CSS property to change the border of an element to YUV 162.9340, 42.9235, -141.1391 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(2, 228, 250) }
```


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

```
.border{ border-color:rgb(2, 228, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(2, 228,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 162.9340, 42.9235, -141.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 228, 250) }
```

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

```
.background{ background-color: rgb(2, 228,  
250) }
```

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