

Converting Colors

YUV(167.5940, 42.1052,
-111.8999)

Have a look what the booklet for
YUV(167.5940, 42.1052, -111.8999)
contains.

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Color

**YUV(167.5940, 42.1052,
-111.8999)**

Conversions

Conversions Part 1

Format	Color
Hex	28D8FD
RGB	40, 216, 253
RGB Percent	16%, 85%, 99%
CMY	0.8431, 0.1529, 0.0078
CMYK	0.84, 0.15, 0.00, 0.01
HSL	190°, 98%, 57%
HSV	190°, 84%, 99%
XYZ	43.1606, 56.6547, 101.5892
YIQ	167.5940, -116.7730, -25.8050

Conversions

Conversions Part 2

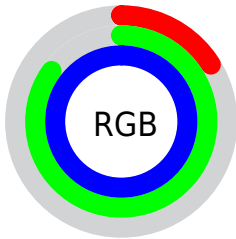
Format	Color
R _Y B	40, 136, 253
Decimal	2676989
CIE Lab	79.98, -29.41, -29.94
CIE LCh	80, 41.971, 225.507
Yxy	56.6547, 0.2143, 0.2813
Android (android.graphics.Color)	4280867069 (0xFF28D8FD)
YUV	167.5940, 42.1052, -111.8999
Hunter-Lab	75.2693, -29.3667, -27.3337

Details

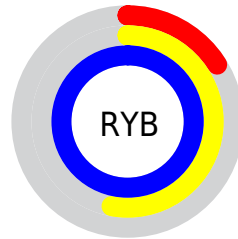
The YUV color **167.5940, 42.1052, -111.8999** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **125.4060, -42.1052, 111.8999**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1300, 19.1629, -79.9210**, and **116.8510, 39.0205, -102.4783** is the 20% darker color. If you saturate the color by 10%, you get **157.7710, 46.9479, -125.2102**, and if you desaturate by 10%, it is **177.4170, 37.2624, -98.5897**.

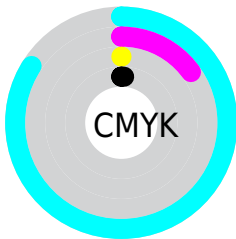
Distribution



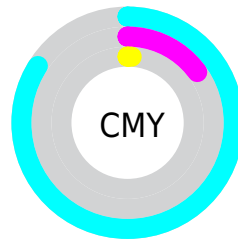
- Red (16%)
- Green (85%)
- Blue (99%)



- Red (16%)
- Yellow (53%)
- Blue (99%)



- Cyan (84%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (84%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5940, 42.1052, -111.8999 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 167.5940, 42.1052, -111.8999 by changing the saturation by 10% instead.

167.5940, 42.1052,
-111.8999

167.5940, 42.1052,
-111.8999

255.0000, 0.0000,
0.0000

135.8920, 43.4372,
-119.1773

216.1300, 19.1629,
-79.9210

116.8510, 39.0205,
-102.4783

226.2960, 14.1511,
-59.0186

97.9240, 35.0405,
-85.8793

235.8640, 9.4340,
-39.3457

80.1710, 30.4817,
-70.3100

245.4320, 4.7170,
-19.6729

62.6460, 26.7965,
-54.9405

45.7080, 22.8220,
-40.0859

30.6450, 18.4160,

-26.8757

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 167.5940, 42.1052,
-111.8999

■ 167.5940, 42.1052,
-111.8999

■ 157.7710, 46.9479,
-125.2102

■ 177.4170, 37.2624,
-98.5897

■ 151.5250, 50.0272,
-132.8874

■ 188.1260, 31.9829,
-85.1795

■ 197.9490, 27.1401,
-71.8693

■ 208.3590, 22.0080,
-59.0738

■ 218.4810, 17.0179,
-45.1488

■ 228.3040, 12.1751,
-31.8386

■ 238.7140, 7.0430,
-19.0432

■ 248.5370, 2.2003,
-5.7329

254.7720, -0.8736,
0.2000

Harmonies

Analogous

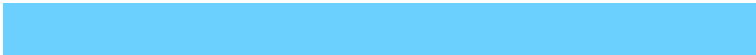
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.5510, 23.8854, -101.3382



167.5940, 42.1052, -111.8999



183.4580, 35.2702, -66.1767

Triad

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



167.5940, 42.1052, -111.8999



201.0010, 8.8735, 47.3571



193.4780, -35.2387, 9.2278

Complementary

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



167.5940, 42.1052, -111.8999



125.4060, -42.1052, 111.8999

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.



197.0240, -36.4938, 38.5670



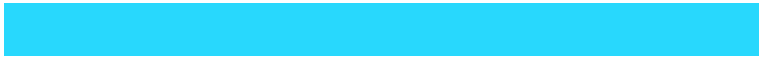
167.5940, 42.1052, -111.8999



195.2670, -8.0196, 52.3858

Square

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



167.5940, 42.1052, -111.8999



203.2610, 24.5213, 21.6961



195.9730, -25.6227, 51.7667



188.4720, -22.9107, -24.9699

Rectangle

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



167.5940, 42.1052, -111.8999



192.5160, 30.8046, -33.7785



195.9730, -25.6227, 51.7667



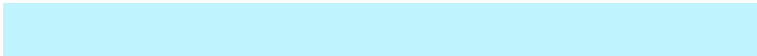
194.6750, -37.3078, 19.5790

Sweetspot

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



167.5940, 42.1052, -111.8999



229.4070, 12.6173, -33.6829



169.0210, -46.3524, -113.1514



112.2300, 7.7746, -20.3727



0.0000, 0.0000, 0.0000



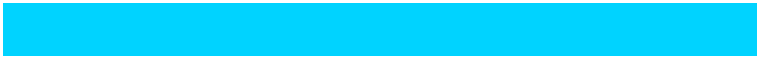
128.0000, 0.0000, 0.0000

Same Dimension

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



167.5940, 42.1052, -111.8999



152.9270, 50.3220, -134.1170



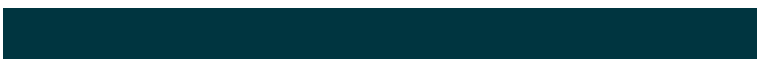
105.9590, 72.4912, -57.8460



122.3520, 2.7845, -6.4477



114.5200, 37.7046, -100.4340



38.4070, 12.6173, -33.6829

Inverse Universe

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



123.7510, 45.4788, 113.3514



100.2990, 54.5756, 135.6728



187.0410, -72.4912, 57.8460



120.0270, 2.4517, 6.9923



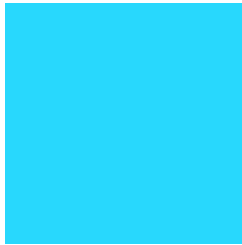
75.1210, 40.8593, 101.6259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 167.5940, 42.1052, -111.8999 looks on a white background.

Color Contrast Check

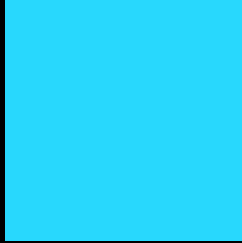
Large Text (above 18pt) WCAG AA × Fail

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 167.5940, 42.1052, -111.8999 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 167.5940, 42.1052, -111.8999 Background



This preview shows how black text looks on a background with the YUV color 167.5940, 42.1052, -111.8999.

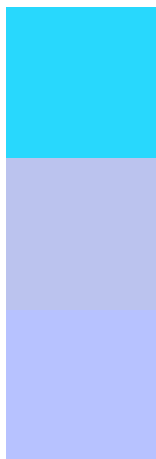


This preview shows how white text looks on a background with the YUV color 167.5940, 42.1052, -111.8999.

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

167.5940, 42.1052, -111.8999

Protanopia

197.5100, 19.9616, -9.2173

Deuteranopia

197.6650, 28.2662, -12.8612



Tritanopia

155.4570, 39.7077, -136.3358

Trichromacy



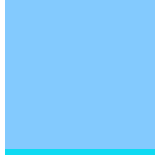
Original Color

167.5940, 42.1052, -111.8999



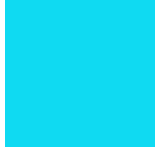
Protanomaly

186.9290, 27.6430, -46.4187



Deuteranomaly

186.6990, 33.1794, -48.8480



Tritanomaly

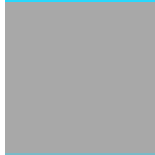
160.0390, 40.4068, -127.1992

Monochromacy



Original Color

167.5940, 42.1052, -111.8999



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.4600, 15.5492, -40.7454

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5940, 42.1052, -111.8999 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(40, 216, 253)` looks like.

```
.text, #text, p{  
    color:rgb(40, 216, 253)  
}
```

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(40, 216, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 216, 253) }
```

Border

The CSS property to change the border of an element to YUV 167.5940, 42.1052, -111.8999 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(40, 216, 253) }
```


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

```
.border{ border-color:rgb(40, 216, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 216, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 216, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 216, 253);  
box-shadow:4px 4px 4px 4px rgb(40, 216,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 167.5940, 42.1052, -111.8999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 216, 253) }
```

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

```
.background{ background-color: rgb(40, 216,  
253) }
```

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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