

Converting Colors

YUV(169.1390, 42.3295,
-90.4529)

Have a look what the booklet for
YUV(169.1390, 42.3295, -90.4529)
contains.

YUV(169.1390, 42.3295, -90.4529)	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(169.1390, 42.3295,
-90.4529)**

Conversions

Conversions Part 1

Format	Color
Hex	42CDFF
RGB	66, 205, 255
RGB Percent	26%, 80%, 100%
CMY	0.7412, 0.1961, 0.0000
CMYK	0.74, 0.20, 0.00, 0.00
HSL	196°, 100%, 63%
HSV	196°, 74%, 100%
XYZ	42.1281, 52.0409, 102.4323
YIQ	169.1390, -98.8940, -13.9180

Conversions

Conversions Part 2

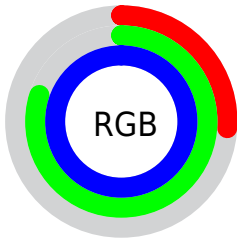
Format	Color
R _{YB}	66, 146, 255
Decimal	4378111
CIE _{Lab}	77.31, -20.95, -35.10
CIE _{LCh}	77, 40.877, 239.164
Y _{xy}	52.0409, 0.2143, 0.2647
Android (android.graphics.Color)	4282568191 (0xFF42CDFF)
YUV	169.1390, 42.3295, -90.4529
Hunter-Lab	72.1394, -22.0031, -33.6896

Details

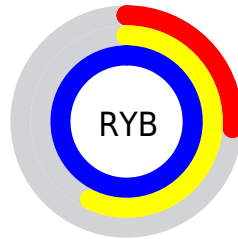
The YUV color **169.1390, 42.3295, -90.4529** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **151.8610, -42.3295, 90.4529**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0170, 17.2466, -71.9289**, and **111.2090, 42.7880, -97.5303** is the 20% darker color. If you saturate the color by 10%, you get **157.2560, 48.1878, -102.8335**, and if you desaturate by 10%, it is **180.7230, 36.6186, -78.6871**.

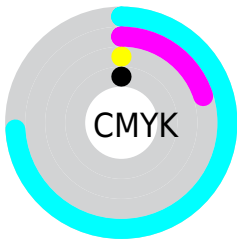
Distribution



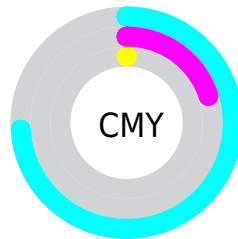
- Red (26%)
- Green (80%)
- Blue (100%)



- Red (26%)
- Yellow (57%)
- Blue (100%)



- Cyan (74%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (74%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.1390, 42.3295, -90.4529 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 169.1390, 42.3295, -90.4529 by changing the saturation by 10% instead.

■ 169.1390, 42.3295,
-90.4529

■ 169.1390, 42.3295,
-90.4529

255.0000, 0.0000,
0.0000

■ 129.6630, 47.4941,
-113.7145

■ 220.0170, 17.2466,
-71.9289

■ 111.2090, 42.7880,
-97.5303

■ 229.5850, 12.5296,
-52.2560

■ 92.8690, 38.5186,
-81.4461

■ 238.8540, 7.9600,
-33.1980

■ 75.1160, 33.9598,
-65.8767

■ 248.4220, 3.2430,
-13.5251

■ 58.0640, 29.5484,
-50.9221

■ 41.7130, 25.2845,
-36.5823

■ 27.2370, 20.5892,

-23.8868

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 169.1390, 42.3295,
-90.4529

■ 169.1390, 42.3295,
-90.4529

■ 157.2560, 48.1878,
-102.8335

■ 180.7230, 36.6186,
-78.6871

■ 146.2590, 53.6093,
-115.1141

■ 192.0190, 31.0496,
-65.7917

■ 139.4260, 56.9780,
-122.2766

■ 203.9020, 25.1913,
-53.4111

■ 215.4860, 19.4804,
-41.6452

■ 227.3690, 13.6221,
-29.2646

■ 238.3660, 8.2006,
-16.9840

■ 249.9500, 2.4897,
-5.2181

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

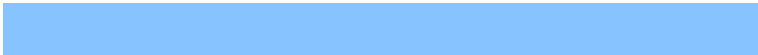
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



157.5200, 34.2536, -113.5890



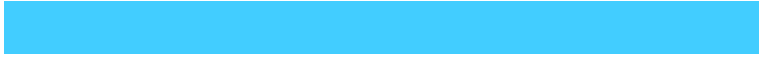
169.1390, 42.3295, -90.4529



183.6010, 35.1997, -43.5001

Triad

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



169.1390, 42.3295, -90.4529



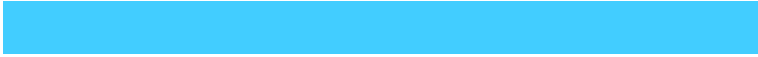
193.3410, -0.1681, 54.0749



184.6440, -30.3905, -5.8268

Complementary

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



169.1390, 42.3295, -90.4529



151.8610, -42.3295, 90.4529

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.



188.3490, -36.1611, 25.1269



169.1390, 42.3295, -90.4529



190.2970, -16.9084, 56.7445

Square

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



169.1390, 42.3295, -90.4529



195.9980, 16.7630, 36.8358



191.0560, -31.5796, 49.0629



178.4900, -13.5526, -39.8947

Rectangle

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



169.1390, 42.3295, -90.4529



190.5770, 31.7605, -13.6610



191.0560, -31.5796, 49.0629



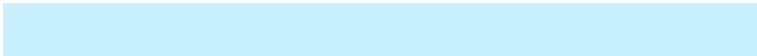
185.6130, -33.3332, 4.7244

Sweetspot

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



169.1390, 42.3295, -90.4529



229.4510, 12.5957, -26.7055



182.3010, -34.1654, -101.9960



112.5510, 7.6164, -16.2692



0.0000, 0.0000, 0.0000



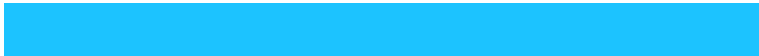
128.0000, 0.0000, 0.0000

Same Dimension

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



169.1390, 42.3295, -90.4529



151.9070, 50.8248, -108.6664



115.1350, 68.9534, -43.0914



121.7650, 3.0739, -5.9329



104.5410, 42.6243, -91.6825



34.8850, 14.3537, -30.5941

Inverse Universe

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



138.3570, 32.8550, 102.2959



114.9110, 39.4839, 122.8581



205.8650, -68.9534, 43.0914



119.9130, 2.0149, 7.0923



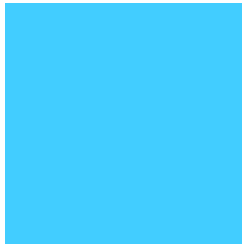
73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 169.1390, 42.3295, -90.4529 looks on a white background.

Color Contrast Check

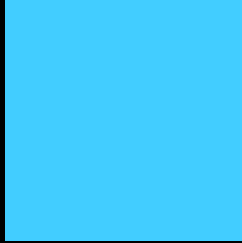
Large Text (above 18pt) WCAG AA × Fail

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 169.1390, 42.3295, -90.4529 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

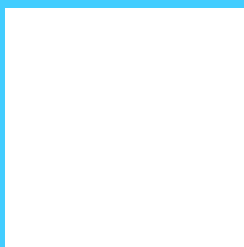
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.1390, 42.3295, -90.4529

Background



This preview shows how black text looks on a background with the YUV color 169.1390, 42.3295, -90.4529.



This preview shows how white text looks on a background with the YUV color 169.1390, 42.3295, -90.4529.

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

169.1390, 42.3295, -90.4529

Protanopia

189.9810, 25.6454, -12.2613

Deuteranopia

189.6690, 32.2082, -17.2497



Tritanopia

161.4070, 32.3373, -105.5969

Trichromacy



Original Color

169.1390, 42.3295, -90.4529

Protanomaly

182.7000, 31.6999, -40.9559

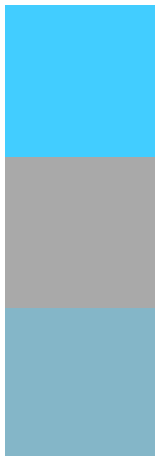
Deuteranomaly

182.4160, 35.7839, -44.2148

Tritanomaly

164.0640, 35.9574, -100.0341

Monochromacy



Original Color

169.1390, 42.3295, -90.4529

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.1020, 15.2327, -32.5385

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.1390, 42.3295, -90.4529 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(66, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(66, 205, 255)  
}
```

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(66, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 205, 255) }
```

Border

The CSS property to change the border of an element to YUV 169.1390, 42.3295, -90.4529 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(66, 205, 255) }
```


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

```
.border{ border-color:rgb(66, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(66, 205,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 169.1390, 42.3295, -90.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 205, 255) }
```

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

```
.background{ background-color: rgb(66, 205,  
255) }
```

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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