

Converting Colors

YUV(169.2090, 29.4770,
-74.7283)

Have a look what the booklet for
YUV(169.2090, 29.4770, -74.7283)
contains.

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Color

**YUV(169.2090, 29.4770,
-74.7283)**

Conversions

Conversions Part 1

Format	Color
Hex	54C9E5
RGB	84, 201, 229
RGB Percent	33%, 79%, 90%
CMY	0.6706, 0.2118, 0.1020
CMYK	0.63, 0.12, 0.00, 0.10
HSL	192°, 74%, 61%
HSV	192°, 63%, 90%
XYZ	38.6857, 49.3152, 81.6086
YIQ	169.2090, -78.7200, -16.0960

Conversions

Conversions Part 2

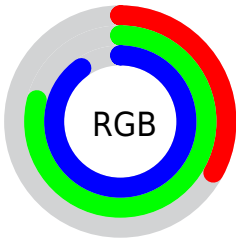
Format	Color
RYB	84, 149, 229
Decimal	5556709
CIELab	75.65, -24.49, -23.66
CIElCh	76, 34.049, 224.018
Yxy	49.3152, 0.2281, 0.2908
Android (android.graphics.Color)	4283746789 (0xFF54C9E5)
YUV	169.2090, 29.4770, -74.7283
Hunter-Lab	70.2248, -24.5608, -19.7438

Details

The YUV color **169.2090, 29.4770, -74.7283** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **143.7910, -29.4770, 74.7283**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7080, 15.9200, -66.3959**, and **106.0110, 33.0256, -92.9716** is the 20% darker color. If you saturate the color by 10%, you get **159.9840, 34.0249, -86.8090**, and if you desaturate by 10%, it is **178.4340, 24.9290, -62.6476**.

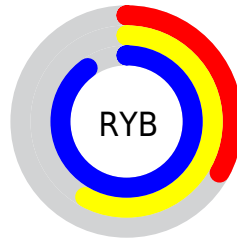
Distribution



Red (33%)

Green (79%)

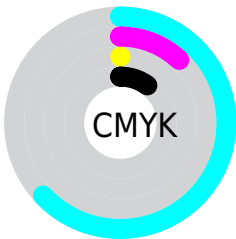
Blue (90%)



Red (33%)

Yellow (58%)

Blue (90%)

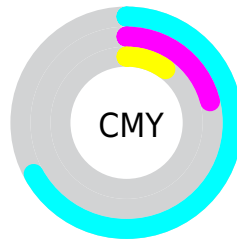


Cyan (63%)

Magenta (12%)

Yellow (0%)

Black (10%)



Cyan (67%)

Magenta (21%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.2090, 29.4770, -74.7283 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 169.2090, 29.4770, -74.7283 by changing the saturation by 10% instead.

169.2090, 29.4770,
-74.7283

169.2090, 29.4770,
-74.7283

255.0000, 0.0000,
0.0000

138.2190, 30.9510,
-80.8761

222.7080, 15.9200,
-66.3959

106.0110, 33.0256,
-92.9716

231.6780, 11.4977,
-47.9526

87.7850, 29.1930,
-76.9874

240.9470, 6.9281,
-28.8945

70.1460, 25.0710,
-61.5180

249.9170, 2.5059,
-10.4512

53.2080, 21.0965,
-46.6634

36.9710, 17.2693,
-32.4236

23.3100, 13.1582,

-20.4429

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 169.2090, 29.4770,
-74.7283

■ 169.2090, 29.4770,
-74.7283

■ 159.9840, 34.0249,
-86.8090

■ 178.4340, 24.9290,
-62.6476

■ 150.1720, 38.8622,
-98.3748

■ 188.2460, 20.0917,
-51.0817

■ 140.9470, 43.4101,
-110.4555

■ 197.4710, 15.5438,
-39.0011

■ 134.7010, 46.4894,
-118.1328

■ 207.2830, 10.7065,
-27.4352

■ 216.5080, 6.1586,
-15.3545

■ 226.0210, 1.4686,
-4.4034

■ 235.2460, -3.0793,
7.6773

■ 240.8830, -5.8583,
12.3806

■ 243.8180, -7.3053,
9.8066

Harmonies

Analogous

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



169.1590, 15.2046, -70.2994



169.2090, 29.4770, -74.7283



177.5030, 33.7690, -51.3071

Triad

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



169.2090, 29.4770, -74.7283



191.3870, 6.7112, 40.8796



182.9000, -28.5447, 8.8577

Complementary

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



169.2090, 29.4770, -74.7283



143.7910, -29.4770, 74.7283

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.



186.1140, -29.6362, 32.3490



169.2090, 29.4770, -74.7283



189.8540, -8.3090, 51.8710

Square

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



169.2090, 29.4770, -74.7283



190.4900, 20.4644, 16.2333



188.2760, -21.8281, 47.9929



178.8410, -19.1486, -18.2776

Rectangle

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



169.2090, 29.4770, -74.7283



183.8910, 32.0987, -28.8454



188.2760, -21.8281, 47.9929



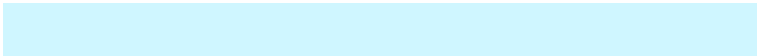
184.2000, -30.1716, 17.3646

Sweetspot

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



169.2090, 29.4770, -74.7283



235.3650, 9.6801, -24.8761



172.1930, -30.1681, -77.3453



115.5080, 6.1586, -15.3545



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.



169.2090, 29.4770, -74.7283



175.2750, 39.3044, -100.2192



127.5320, 50.0237, -38.1776



110.2380, 2.3477, -6.3477



104.9340, 36.5145, -92.0271



29.8810, 10.4117, -26.2056

Inverse Universe

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



140.6930, 29.7314, 77.4452



136.9040, 39.9803, 103.5702



185.4680, -50.0237, 38.1776



107.7280, 2.5991, 6.3775



69.9370, 36.5131, 95.6483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 169.2090, 29.4770, -74.7283 looks on a white background.

Color Contrast Check

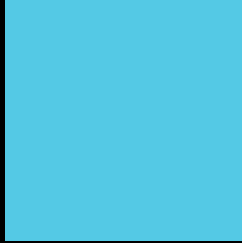
Large Text (above 18pt) WCAG AA × Fail

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 169.2090, 29.4770, -74.7283 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 169.2090, 29.4770, -74.7283

Background



This preview shows how black text looks on a background with the YUV color 169.2090, 29.4770, -74.7283.



This preview shows how white text looks on a background with the YUV color 169.2090, 29.4770, -74.7283.

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

169.2090, 29.4770, -74.7283

Protanopia

186.2670, 15.1514, -6.3732

Deuteranopia

186.6180, 22.8663, -7.5580



Tritanopia

167.7480, 25.2672, -77.8320

Trichromacy



Original Color

169.2090, 29.4770, -74.7283

Protanomaly

179.7800, 20.3215, -31.3791

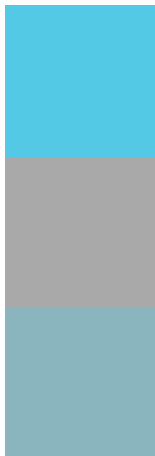
Deuteranomaly

180.4470, 25.4156, -31.9640

Tritanomaly

168.2150, 27.0090, -76.4876

Monochromacy



Original Color

169.2090, 29.4770, -74.7283

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2830, 10.7065, -27.4352

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.2090, 29.4770, -74.7283 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(84, 201, 229)` looks like.

```
.text, #text, p{  
    color:rgb(84, 201, 229)  
}
```

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(84, 201, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 201, 229) }
```

Border

The CSS property to change the border of an element to YUV 169.2090, 29.4770, -74.7283 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(84, 201, 229) }
```


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

```
.border{ border-color:rgb(84, 201, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 201, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 201, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 201, 229);  
box-shadow:4px 4px 4px 4px rgb(84, 201,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 169.2090, 29.4770, -74.7283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 201, 229) }
```

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

```
.background{ background-color: rgb(84, 201,  
229) }
```

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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