

Converting Colors

YUV(142.7170, 52.3975,
-99.7298)

Have a look what the booklet for
YUV(142.7170, 52.3975, -99.7298)
contains.

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Color

**YUV(142.7170, 52.3975,
-99.7298)**

Conversions

Conversions Part 1

Format	Color
Hex	1DB4F9
RGB	29, 180, 249
RGB Percent	11%, 71%, 98%
CMY	0.8863, 0.2941, 0.0235
CMYK	0.88, 0.28, 0.00, 0.02
HSL	199°, 95%, 55%
HSV	199°, 88%, 98%
XYZ	33.9268, 39.7433, 95.5056
YIQ	142.7170, -112.1450, -10.5530

Conversions

Conversions Part 2

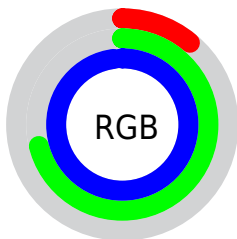
Format	Color
R _Y B	29, 119, 249
Decimal	1946873
CIE Lab	69.29, -12.93, -44.40
CIE LCh	69, 46.248, 253.762
Yxy	39.7433, 0.2005, 0.2349
Android (android.graphics.Color)	4280136953 (0xFF1DB4F9)
YUV	142.7170, 52.3975, -99.7298
Hunter-Lab	63.0423, -14.2624, -45.6915

Details

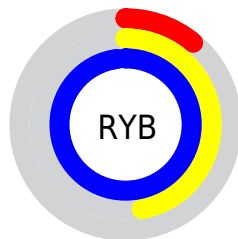
The YUV color **142.7170, 52.3975, -99.7298** is a light color, and the websafe version is hex **0099CC**. The color can be described as light washed azure. A complement of this color would be **135.2830, -52.3975, 99.7298**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8840, 25.6932, -74.4433**, and **96.4370, 47.1126, -84.5752** is the 20% darker color. If you saturate the color by 10%, you get **130.5460, 58.3978, -110.9808**, and if you desaturate by 10%, it is **154.8880, 46.3972, -88.4788**.

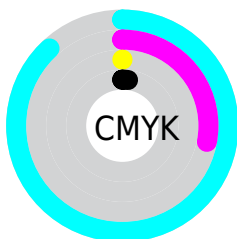
Distribution



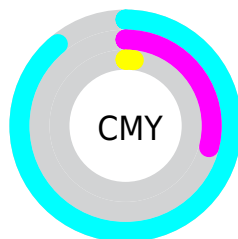
- Red (11%)
- Green (71%)
- Blue (98%)



- Red (11%)
- Yellow (47%)
- Blue (98%)



- Cyan (88%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)



- Cyan (89%)
- Magenta (29%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.7170, 52.3975, -99.7298 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 142.7170, 52.3975, -99.7298 by changing the saturation by 10% instead.

■ 142.7170, 52.3975,
-99.7298

■ 142.7170, 52.3975,
-99.7298

■ 255.0000, 0.0000,
0.0000

■ 114.8910, 51.8187,
-100.7594

■ 202.8840, 25.6932,
-74.4433

■ 96.4370, 47.1126,
-84.5752

■ 223.9040, 15.3303,
-63.9368

■ 78.6840, 42.5538,
-69.0059

■ 233.4720, 10.6133,
-44.2639

■ 62.1050, 37.4162,
-54.4661

■ 243.0400, 5.8963,
-24.5911

■ 45.6400, 32.7155,
-40.0263

■ 252.3090, 1.3267,
-5.5330

■ 30.4630, 27.8727,
-26.7161

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 142.7170, 52.3975,
-99.7298

■ 142.7170, 52.3975,
-99.7298

■ 130.5460, 58.3978,
-110.9808

■ 154.8880, 46.3972,
-88.4788

■ 128.7630, 59.2768,
-112.9252

■ 167.0590, 40.3969,
-77.2277

■ 178.6430, 34.6860,
-65.4619

■ 190.8140, 28.6857,
-54.2109

■ 202.6860, 22.8328,
-43.5746

■ 214.8570, 16.8325,
-32.3236

■ 227.0280, 10.8322,
-21.0726

■ 238.6120, 5.1213,
-9.3067

■ 250.7830, -0.8790,
1.9443

Harmonies

Analogous

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



136.1200, 44.3108, -119.3772



142.7170, 52.3975, -99.7298



167.1930, 40.8239, -27.3563

Triad

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



142.7170, 52.3975, -99.7298



170.9100, -9.8156, 68.4849



158.1900, -25.2367, -25.5996

Complementary

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



142.7170, 52.3975, -99.7298



135.2830, -52.3975, 99.7298

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.



163.8650, -38.8804, 10.6424



142.7170, 52.3975, -99.7298



169.1700, -27.6918, 62.1179

Square

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



142.7170, 52.3975, -99.7298



173.3870, 10.1622, 54.0346



167.3510, -39.1200, 40.9112



147.6910, -1.8197, -69.8890

Rectangle

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



142.7170, 52.3975, -99.7298



172.6380, 32.7165, 6.4565



167.3510, -39.1200, 40.9112



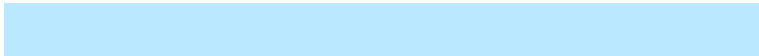
160.3720, -31.2424, -12.6042

Sweetspot

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



142.7170, 52.3975, -99.7298



221.4550, 16.5377, -31.0940



165.6640, -34.8374, -119.8543



108.1100, 9.8058, -18.5135



0.0000, 0.0000, 0.0000



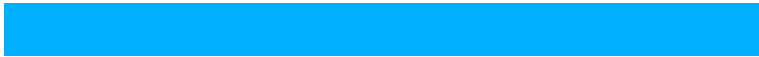
128.0000, 0.0000, 0.0000

Same Dimension

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



142.7170, 52.3975, -99.7298



131.7950, 60.7401, -115.5842



79.9080, 83.3624, -44.6463



118.7650, 3.0739, -5.9329



97.8560, 44.9340, -85.8197



31.6080, 14.4903, -27.7202

Inverse Universe

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



111.9940, 33.5270, 120.1543



96.1950, 38.8509, 139.2720



198.0920, -83.3624, 44.6463



116.9130, 2.0149, 7.0923



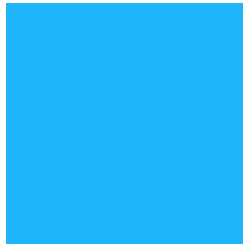
71.3310, 28.9238, 103.1957



23.0270, 9.3537, 33.3023

Previews

White Background



This preview shows how the YUV color 142.7170, 52.3975, -99.7298 looks on a white background.

Color Contrast Check

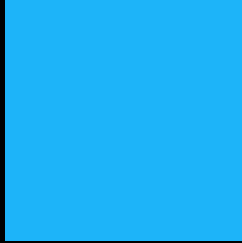
Large Text (above 18pt) WCAG AA × Fail

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 142.7170, 52.3975, -99.7298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

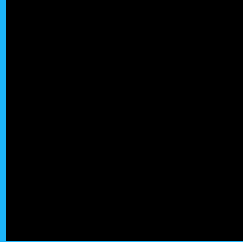
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

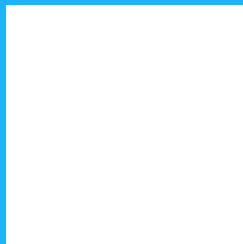
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.7170, 52.3975, -99.7298

Background



This preview shows how black text looks on a background with the YUV color 142.7170, 52.3975, -99.7298.

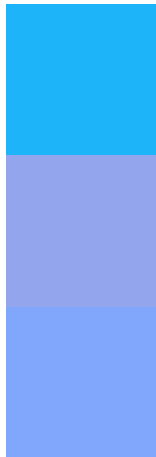


This preview shows how white text looks on a background with the YUV color 142.7170, 52.3975, -99.7298.

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

142.7170, 52.3975, -99.7298

Protanopia

167.5270, 34.2502, -18.8792

Deuteranopia

165.3280, 42.7293, -31.8597



Tritanopia

132.6830, 33.6803, -116.3630

Trichromacy



Original Color

142.7170, 52.3975, -99.7298

Protanomaly

158.0610, 40.8889, -48.2885

Deuteranomaly

157.3850, 46.1522, -56.4656

Tritanomaly

136.1490, 40.3525, -109.7557

Monochromacy



Original Color

142.7170, 52.3975, -99.7298

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.8180, 19.3167, -35.7974

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.7170, 52.3975, -99.7298 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(29, 180, 249)` looks like.

```
.text, #text, p{  
    color:rgb(29, 180, 249)  
}
```

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(29, 180, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 180, 249) }
```

Border

The CSS property to change the border of an element to YUV 142.7170, 52.3975, -99.7298 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(29, 180, 249) }
```


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

```
.border{ border-color:rgb(29, 180, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 180, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 180, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 180, 249);  
box-shadow:4px 4px 4px 4px rgb(29, 180,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 142.7170, 52.3975, -99.7298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 180, 249) }
```

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

```
.background{ background-color: rgb(29, 180,  
249) }
```

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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