

Converting Colors

YUV(170.7040, 28.7399,
-71.6544)

Have a look what the booklet for
YUV(170.7040, 28.7399, -71.6544)
contains.

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Color

**YUV(170.7040, 28.7399,
-71.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	59C9E5
RGB	89, 201, 229
RGB Percent	35%, 79%, 90%
CMY	0.6510, 0.2118, 0.1020
CMYK	0.61, 0.12, 0.00, 0.10
HSL	192°, 73%, 62%
HSV	192°, 61%, 90%
XYZ	39.1493, 49.5543, 81.6303
YIQ	170.7040, -75.7400, -15.0360

Conversions

Conversions Part 2

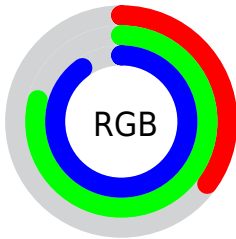
Format	Color
R _Y B	89, 151, 229
Decimal	5884389
CIE Lab	75.79, -23.65, -23.42
CIE LCh	76, 33.284, 224.724
Yxy	49.5543, 0.2298, 0.2909
Android (android.graphics.Color)	4284074469 (0xFF59C9E5)
YUV	170.7040, 28.7399, -71.6544
Hunter-Lab	70.3948, -23.9200, -19.4767

Details

The YUV color **170.7040, 28.7399, -71.6544** 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 **147.2960, -28.7399, 71.6544**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **106.0110, 33.0256, -92.9716** is the 20% darker color. If you saturate the color by 10%, you get **160.8920, 33.5772, -83.2203**, and if you desaturate by 10%, it is **180.5160, 23.9026, -60.0885**.

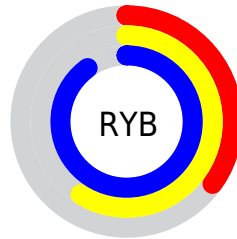
Distribution



Red (35%)

Green (79%)

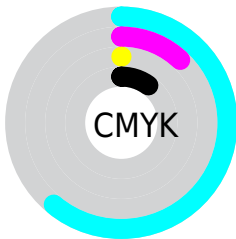
Blue (90%)



Red (35%)

Yellow (59%)

Blue (90%)

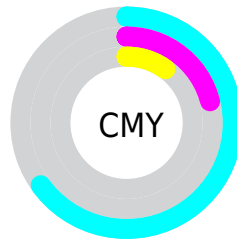


Cyan (61%)

Magenta (12%)

Yellow (0%)

Black (10%)



Cyan (65%)

Magenta (21%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.7040, 28.7399, -71.6544 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 170.7040, 28.7399, -71.6544 by changing the saturation by 10% instead.

170.7040, 28.7399,
-71.6544

170.7040, 28.7399,
-71.6544

255.0000, 0.0000,
0.0000

140.8990, 29.6298,
-77.0874

223.9040, 15.3303,
-63.9368

106.0110, 33.0256,
-92.9716

232.8740, 10.9081,
-45.4935

87.7850, 29.1930,
-76.9874

241.8440, 6.4859,
-27.0502

70.1460, 25.0710,
-61.5180

251.1130, 1.9163,
-7.9921

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

■ 170.7040, 28.7399,
-71.6544

■ 170.7040, 28.7399,
-71.6544

■ 160.8920, 33.5772,
-83.2203

■ 180.5160, 23.9026,
-60.0885

■ 151.6670, 38.1252,
-95.3010

■ 189.7410, 19.3547,
-48.0079

■ 141.8550, 42.9625,
-106.8668

■ 199.5530, 14.5174,
-36.4420

■ 133.5270, 47.0682,
-117.1032

■ 208.7780, 9.9694,
-24.3613

■ 218.5900, 5.1321,
-12.7954

■ 227.5160, 0.7316,
-1.3295

■ 237.3280, -4.1057,
10.2363

■ 242.0570, -6.4371,
11.3510

■ 244.4050, -7.5947,
9.2918

Harmonies

Analogous

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



170.1700, 15.1992, -68.5551



170.7040, 28.7399, -71.6544



178.5850, 32.7426, -48.7480

Triad

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



170.7040, 28.7399, -71.6544



191.5610, 6.1324, 39.8500



183.7150, -27.9605, 8.1429

Complementary

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



170.7040, 28.7399, -71.6544



147.2960, -28.7399, 71.6544

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.



186.0430, -28.6152, 31.5343



170.7040, 28.7399, -71.6544



190.1420, -8.4510, 50.7415

Square

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



170.7040, 28.7399, -71.6544



191.2620, 19.5908, 16.4332



188.6780, -21.5333, 46.7634



179.6560, -18.5644, -18.9923

Rectangle

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



170.7040, 28.7399, -71.6544



184.3750, 31.3671, -27.5159



188.6780, -21.5333, 46.7634



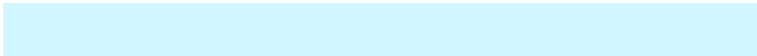
184.1290, -29.1506, 16.5499

Sweetspot

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



170.7040, 28.7399, -71.6544



235.9630, 9.3852, -23.6466



174.3720, -28.2844, -74.8712



115.8070, 6.0111, -14.7397



0.0000, 0.0000, 0.0000



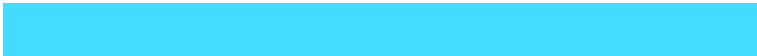
128.0000, 0.0000, 0.0000

Same Dimension

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



170.7040, 28.7399, -71.6544



177.6670, 38.1252, -95.3010



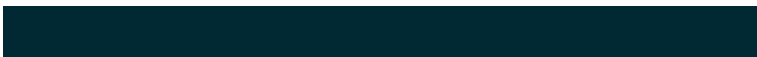
129.6140, 48.9973, -35.6185



109.6510, 2.6371, -5.8329



104.3470, 36.8039, -91.5123



29.8810, 10.4117, -26.2056

Inverse Universe

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



143.6280, 28.2844, 74.8712



141.6000, 37.6652, 99.4518



188.3860, -48.9973, 35.6185



107.6140, 2.1623, 6.4775



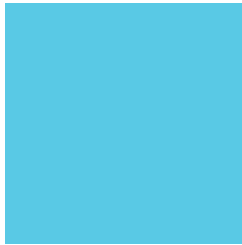
69.8230, 36.0763, 95.7482



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 170.7040, 28.7399, -71.6544 looks on a white background.

Color Contrast Check

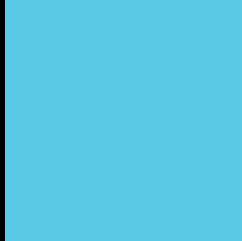
Large Text (above 18pt) WCAG AA × Fail

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 170.7040, 28.7399, -71.6544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

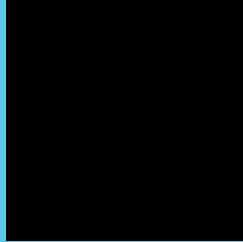
Any Text WCAG AA ✓ Pass

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 170.7040, 28.7399, -71.6544 Background



This preview shows how black text looks on a background with the YUV color 170.7040, 28.7399, -71.6544.



This preview shows how white text looks on a background with the YUV color 170.7040, 28.7399, -71.6544.

-71.6544.

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

170.7040, 28.7399, -71.6544

Protanopia

186.2670, 15.1514, -6.3732

Deuteranopia

186.9170, 22.7189, -6.9432



Tritanopia

169.2430, 24.5302, -74.7581

Trichromacy



Original Color

170.7040, 28.7399, -71.6544

Protanomaly

180.3780, 20.0266, -30.1495

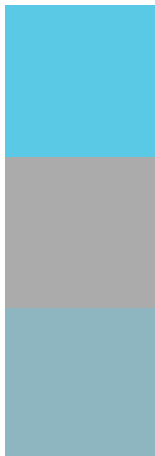
Deuteranomaly

181.0450, 25.1208, -30.7345

Tritanomaly

169.7100, 26.2720, -73.4137

Monochromacy



Original Color

170.7040, 28.7399, -71.6544

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8810, 10.4117, -26.2056

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7040, 28.7399, -71.6544 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(89, 201, 229)` looks like.

```
.text, #text, p{  
    color:rgb(89, 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(89, 201, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 201, 229) }
```

Border

The CSS property to change the border of an element to YUV 170.7040, 28.7399, -71.6544 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(89, 201, 229) }
```


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

```
.border{ border-color:rgb(89, 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(89, 201, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 201, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 201, 229);  
box-shadow:4px 4px 4px 4px rgb(89, 201,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 170.7040, 28.7399, -71.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 201, 229) }
```

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

```
.background{ background-color: rgb(89, 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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