

Converting Colors

YUV(170.0740, 27.5715,
-70.2249)

Have a look what the booklet for
YUV(170.0740, 27.5715, -70.2249)
contains.

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Color

**YUV(170.0740, 27.5715,
-70.2249)**

Conversions

Conversions Part 1

Format	Color
Hex	5AC8E2
RGB	90, 200, 226
RGB Percent	35%, 78%, 89%
CMY	0.6471, 0.2157, 0.1137
CMYK	0.60, 0.12, 0.00, 0.11
HSL	191°, 70%, 62%
HSV	191°, 60%, 89%
XYZ	38.5982, 48.9732, 79.3699
YIQ	170.0740, -73.9060, -15.2340

Conversions

Conversions Part 2

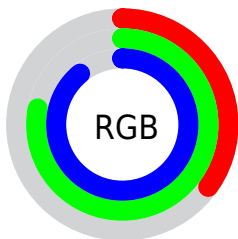
Format	Color
RYB	90, 151, 226
Decimal	5949666
CIELab	75.43, -23.85, -22.35
CIELCh	75, 32.685, 223.140
Yxy	48.9732, 0.2312, 0.2934
Android (android.graphics.Color)	4284139746 (0xFF5AC8E2)
YUV	170.0740, 27.5715, -70.2249
Hunter-Lab	69.9809, -24.0142, -18.2581

Details

The YUV color **170.0740, 27.5715, -70.2249** 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 **145.9260, -27.5715, 70.2249**, 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 **105.1960, 32.4414, -92.2569** is the 20% darker color. If you saturate the color by 10%, you get **160.8490, 32.1194, -82.3056**, and if you desaturate by 10%, it is **179.2990, 23.0236, -58.1442**.

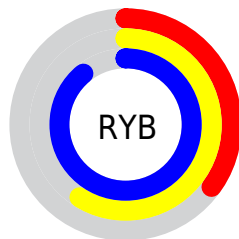
Distribution



Red (35%)

Green (78%)

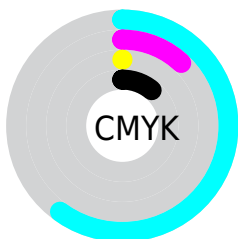
Blue (89%)



Red (35%)

Yellow (59%)

Blue (89%)

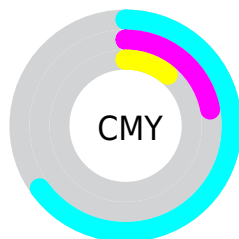


Cyan (60%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (65%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0740, 27.5715, -70.2249 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 170.0740, 27.5715, -70.2249 by changing the saturation by 10% instead.

■ 170.0740, 27.5715,
-70.2249

■ 170.0740, 27.5715,
-70.2249

■ 255.0000, 0.0000,
0.0000

■ 140.5680, 28.3140,
-75.0431

■ 223.9040, 15.3303,
-63.9368

■ 105.1960, 32.4414,
-92.2569

■ 232.8740, 10.9081,
-45.4935

■ 86.8560, 28.1720,
-76.1727

■ 241.8440, 6.4859,
-27.0502

■ 69.2170, 24.0500,
-60.7033

■ 251.1130, 1.9163,
-7.9921

■ 52.3930, 20.5123,
-45.9487

■ 36.1560, 16.6851,
-31.7088

■ 22.3810, 12.1372,

-19.6281

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 170.0740, 27.5715,
-70.2249

■ 170.0740, 27.5715,
-70.2249

■ 160.8490, 32.1194,
-82.3056

■ 179.2990, 23.0236,
-58.1442

■ 151.3360, 36.8094,
-93.2567

■ 188.8120, 18.3337,
-47.1931

■ 142.1110, 41.3573,
-105.3373

■ 198.0370, 13.7858,
-35.1124

■ 133.1850, 45.7578,
-116.8032

■ 206.9630, 9.3852,
-23.6466

■ 216.7750, 4.5479,
-12.0807

■ 226.0000, 0.0000,
0.0000

■ 234.9260, -4.4005,
11.4659

■ 239.9540, -6.8793,
13.1953

■ 242.3020, -8.0369,
11.1361

Harmonies

Analogous

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



169.5510, 14.0254, -65.3812



170.0740, 27.5715, -70.2249



177.7590, 32.1638, -49.7776

Triad

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



170.0740, 27.5715, -70.2249



190.3760, 6.7166, 39.1352



182.8400, -27.5291, 9.7873

Complementary

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



170.0740, 27.5715, -70.2249



145.9260, -27.5715, 70.2249

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.



185.5700, -27.8890, 31.9491



170.0740, 27.5715, -70.2249



188.9570, -7.8668, 50.0267

Square

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



170.0740, 27.5715, -70.2249



189.6640, 19.8856, 15.2037



187.9060, -20.6597, 46.5634



178.9660, -18.7172, -16.6332

Rectangle

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



170.0740, 27.5715, -70.2249



183.5490, 30.7883, -28.5455



187.9060, -20.6597, 46.5634



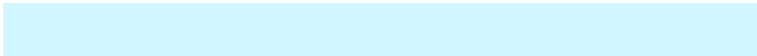
183.8410, -29.0086, 17.6794

Sweetspot

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



170.0740, 27.5715, -70.2249



235.9630, 9.3852, -23.6466



172.6820, -28.4372, -72.5121



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.



170.0740, 27.5715, -70.2249



179.4390, 37.2516, -95.1010



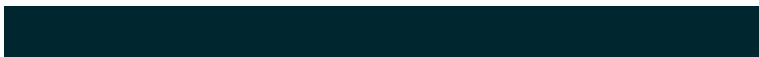
130.7450, 46.9607, -35.7334



107.5370, 2.2003, -5.7329



103.4180, 35.7829, -90.6976



28.3650, 9.6801, -24.8761

Inverse Universe

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



143.2040, 28.0004, 72.6121



143.0020, 37.9600, 98.2222



185.2550, -46.9607, 35.7334



105.3150, 2.3097, 5.8627



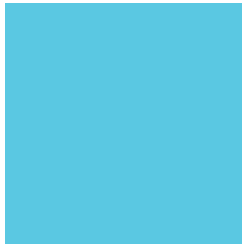
68.8120, 36.0817, 94.0039



18.7980, 9.9596, 25.6102

Previews

White Background



This preview shows how the YUV color 170.0740, 27.5715, -70.2249 looks on a white background.

Color Contrast Check

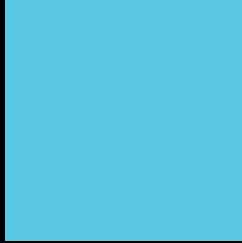
Large Text (above 18pt) WCAG AA × Fail

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 170.0740, 27.5715, -70.2249 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

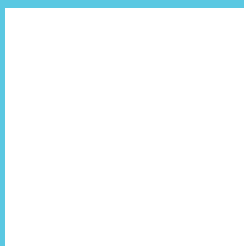
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 170.0740, 27.5715, -70.2249

Background



This preview shows how black text looks on a background with the YUV color 170.0740, 27.5715, -70.2249.



This preview shows how white text looks on a background with the YUV color 170.0740, 27.5715, -70.2249.

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

170.0740, 27.5715, -70.2249

Protanopia

185.4520, 14.5672, -5.6584

Deuteranopia

185.9880, 21.6979, -6.1285



Tritanopia

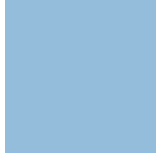
168.5530, 24.3774, -72.3990

Trichromacy



Original Color

170.0740, 27.5715, -70.2249



Protanomaly

179.8620, 19.2950, -28.8200



Deuteranomaly

180.4150, 23.9524, -29.3050



Tritanomaly

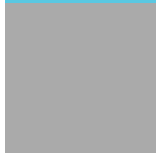
169.1940, 25.5404, -72.0841

Monochromacy



Original Color

170.0740, 27.5715, -70.2249



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.0660, 9.8275, -25.4909

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0740, 27.5715, -70.2249 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(90, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(90, 200, 226)  
}
```

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(90, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 200, 226) }
```

Border

The CSS property to change the border of an element to YUV 170.0740, 27.5715, -70.2249 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(90, 200, 226) }
```


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

```
.border{ border-color:rgb(90, 200, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 200, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 200, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 200, 226);  
box-shadow:4px 4px 4px 4px rgb(90, 200,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 170.0740, 27.5715, -70.2249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 200, 226) }
```

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

```
.background{ background-color: rgb(90, 200,  
226) }
```

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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