

Converting Colors

YUV(163.2570, 33.3973,
-72.1394)

Have a look what the booklet for
YUV(163.2570, 33.3973, -72.1394)
contains.

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Color

**YUV(163.2570, 33.3973,
-72.1394)**

Conversions

Conversions Part 1

Format	Color
Hex	51C0E7
RGB	81, 192, 231
RGB Percent	32%, 75%, 91%
CMY	0.6824, 0.2471, 0.0941
CMYK	0.65, 0.17, 0.00, 0.09
HSL	196°, 76%, 61%
HSV	196°, 65%, 91%
XYZ	36.6668, 45.2181, 82.3967
YIQ	163.2570, -78.6750, -11.4030

Conversions

Conversions Part 2

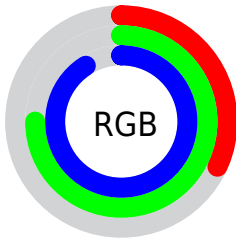
Format	Color
R_{YB}	81, 145, 231
Decimal	5357799
CIE _{Lab}	73.04, -19.79, -28.75
CIE _{LCh}	73, 34.899, 235.456
Yxy	45.2181, 0.2232, 0.2752
Android (android.graphics.Color)	4283547879 (0xFF51C0E7)
YUV	163.2570, 33.3973, -72.1394
Hunter-Lab	67.2444, -20.3460, -25.5788

Details

The YUV color **163.2570, 33.3973, -72.1394** 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 **148.7430, -33.3973, 72.1394**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2890, 18.0985, -65.1515**, and **100.9560, 36.5037, -88.5384** is the 20% darker color. If you saturate the color by 10%, you get **152.8580, 38.5240, -83.1905**, and if you desaturate by 10%, it is **173.6560, 28.2706, -61.0883**.

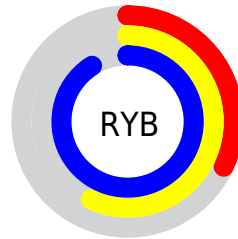
Distribution



Red (32%)

Green (75%)

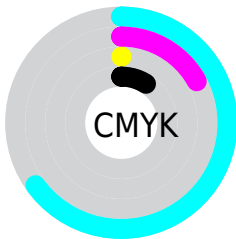
Blue (91%)



Red (32%)

Yellow (57%)

Blue (91%)

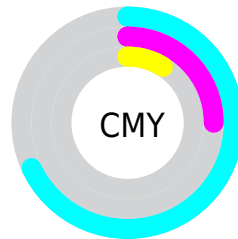


Cyan (65%)

Magenta (17%)

Yellow (0%)

Black (9%)



Cyan (68%)

Magenta (25%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.2570, 33.3973, -72.1394 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 163.2570, 33.3973, -72.1394 by changing the saturation by 10% instead.

■ 163.2570, 33.3973,
-72.1394

■ 163.2570, 33.3973,
-72.1394

■ 255.0000, 0.0000,
0.0000

■ 132.5550, 34.7294,
-79.4167

■ 218.2890, 18.0985,
-65.1515

■ 100.9560, 36.5037,
-88.5384

■ 231.0800, 11.7926,
-49.1822

■ 83.3170, 32.3817,
-73.0690

■ 240.0500, 7.3704,
-30.7388

■ 65.6780, 28.2597,
-57.5996

■ 249.3190, 2.8007,
-11.6808

■ 49.3270, 23.9958,
-43.2598

■ 33.0900, 20.1686,
-29.0199

■ 18.1410, 16.1995,

-15.9097

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 163.2570, 33.3973,
-72.1394

■ 163.2570, 33.3973,
-72.1394

■ 152.8580, 38.5240,
-83.1905

■ 173.6560, 28.2706,
-61.0883

■ 142.4590, 43.6507,
-94.2415

■ 184.0550, 23.1439,
-50.0372

■ 132.0600, 48.7774,
-105.2926

■ 194.4540, 18.0172,
-38.9862

■ 126.7110, 51.4145,
-111.1255

■ 204.8530, 12.8905,
-27.9351

■ 215.5510, 7.6164,
-16.2692

■ 225.9500, 2.4897,
-5.2181

■ 236.3490, -2.6371,
5.8329

■ 243.4590, -6.1423,
10.1215

■ 246.9810, -7.8786,
7.0327

Harmonies

Analogous

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



158.8680, 23.2361, -79.6912



163.2570, 33.3973, -72.1394



173.8680, 33.5891, -40.2262

Triad

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



163.2570, 33.3973, -72.1394



183.2370, 0.8692, 48.0272



174.7030, -26.4756, -1.4935

Complementary

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



163.2570, 33.3973, -72.1394



148.7430, -33.3973, 72.1394

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.



178.0160, -31.0669, 24.5420



163.2570, 33.3973, -72.1394



181.9590, -14.2768, 52.6560

Square

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



163.2570, 33.3973, -72.1394



184.0030, 15.7745, 27.1844



180.2170, -25.7430, 43.6597



170.1430, -13.8745, -29.9434

Rectangle

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



163.2570, 33.3973, -72.1394



179.5120, 30.3136, -16.2350



180.2170, -25.7430, 43.6597



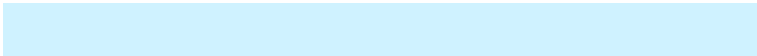
175.7750, -28.9761, 7.2133

Sweetspot

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



163.2570, 33.3973, -72.1394



233.0170, 10.8376, -22.8169



173.3820, -26.8103, -81.0190



114.3340, 6.7373, -14.3249



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.



163.2570, 33.3973, -72.1394



164.9750, 44.3823, -95.5711



120.4060, 54.5228, -34.5591



109.6510, 2.6371, -5.8329



97.8900, 39.9872, -85.8495



28.1200, 11.2798, -24.6612

Inverse Universe

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



138.5040, 26.3735, 81.1190



132.2590, 34.8753, 107.6439



192.1810, -54.8122, 34.0443



107.6140, 2.1623, 6.4775



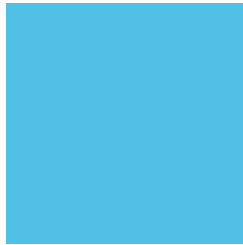
68.5690, 31.2715, 96.8480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 163.2570, 33.3973, -72.1394 looks on a white background.

Color Contrast Check

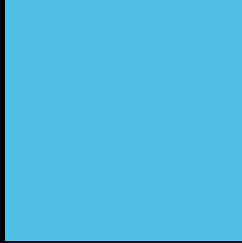
Large Text (above 18pt) WCAG AA × Fail

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 163.2570, 33.3973, -72.1394 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 163.2570, 33.3973, -72.1394 Background



This preview shows how black text looks on a background with the YUV color 163.2570, 33.3973, -72.1394.



This preview shows how white text looks on a background with the YUV color 163.2570, 33.3973, -72.1394.

-72.1394.

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

163.2570, 33.3973, -72.1394

Protanopia

178.6240, 20.3984, -9.3172

Deuteranopia

178.5510, 27.8294, -12.7612



Tritanopia

159.7480, 25.2672, -77.8320

Trichromacy



Original Color

163.2570, 33.3973, -72.1394

Protanomaly

173.0340, 25.1262, -32.4788

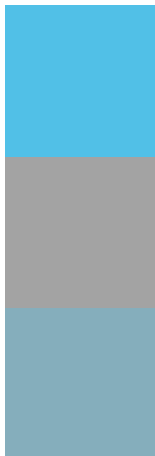
Deuteranomaly

172.9890, 30.0784, -34.1934

Tritanomaly

161.1550, 28.0246, -75.5579

Monochromacy



Original Color

163.2570, 33.3973, -72.1394

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.3370, 12.1589, -26.6055

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.2570, 33.3973, -72.1394 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(81, 192, 231)` looks like.

```
.text, #text, p{  
    color:rgb(81, 192, 231)  
}
```

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(81, 192, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 192, 231) }
```

Border

The CSS property to change the border of an element to YUV 163.2570, 33.3973, -72.1394 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(81, 192, 231) }
```


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

```
.border{ border-color:rgb(81, 192, 231) }
```

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

Here you see how a box with a 4 pixel rgb(81, 192, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 192, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 192, 231);  
box-shadow:4px 4px 4px 4px rgb(81, 192,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 163.2570, 33.3973, -72.1394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 192, 231) }
```

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

```
.background{ background-color: rgb(81, 192,  
231) }
```

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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