

Converting Colors

YUV(153.7100, 26.2720,
-73.4137)

Have a look what the booklet for
YUV(153.7100, 26.2720, -73.4137)
contains.

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Color

**YUV(153.7100, 26.2720,
-73.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	46BACF
RGB	70, 186, 207
RGB Percent	27%, 73%, 81%
CMY	0.7255, 0.2706, 0.1882
CMYK	0.66, 0.10, 0.00, 0.19
HSL	189°, 59%, 54%
HSV	189°, 66%, 81%
XYZ	31.3472, 40.9249, 65.2786
YIQ	153.7100, -75.8770, -18.0610

Conversions

Conversions Part 2

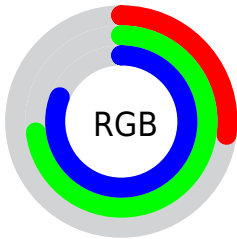
Format	Color
R _{YB}	70, 133, 207
Decimal	4635343
CIE Lab	70.12, -25.77, -20.15
CIE LCh	70, 32.713, 218.031
Yxy	40.9249, 0.2279, 0.2975
Android (android.graphics.Color)	4282825423 (0xFF46BACF)
YUV	153.7100, 26.2720, -73.4137
Hunter-Lab	63.9726, -24.4853, -15.7196

Details

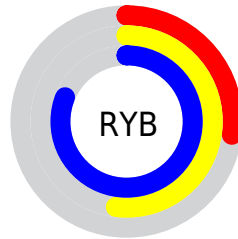
The YUV color **153.7100, 26.2720, -73.4137** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **123.2900, -26.2720, 73.4137**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.8910, 21.7457, -68.3104**, and **95.5130, 28.3411, -83.7649** is the 20% darker color. If you saturate the color by 10%, you get **145.6700, 30.2357, -84.7796**, and if you desaturate by 10%, it is **161.7500, 22.3083, -62.0478**.

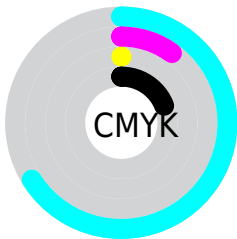
Distribution



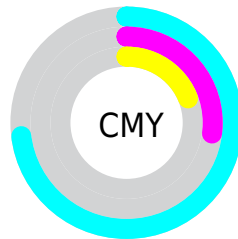
- Red (27%)
- Green (73%)
- Blue (81%)



- Red (27%)
- Yellow (52%)
- Blue (81%)



- Cyan (66%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (73%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7100, 26.2720, -73.4137 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 153.7100, 26.2720, -73.4137 by changing the saturation by 10% instead.

■ 153.7100, 26.2720,
-73.4137

■ 153.7100, 26.2720,
-73.4137

255.0000, 0.0000,
0.0000

■ 121.8120, 28.1937,
-83.1501

■ 210.8910, 21.7457,
-68.3104

■ 95.5130, 28.3411,
-83.7649

■ 227.4920, 13.5614,
-56.5595

■ 77.2870, 24.5085,
-67.7807

■ 236.4620, 9.1392,
-38.1162

■ 59.7620, 20.8233,
-52.4113

■ 245.7310, 4.5696,
-19.0581

■ 43.5250, 16.9962,
-38.1714

254.7010, 0.1474,
-0.6148

■ 27.9890, 13.3164,
-24.5464

■ 5.6370, 13.9830,

-4.9436

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 153.7100, 26.2720,
-73.4137

■ 153.7100, 26.2720,
-73.4137

■ 145.6700, 30.2357,
-84.7796

■ 161.7500, 22.3083,
-62.0478

■ 137.9290, 34.0520,
-95.5307

■ 169.4910, 18.4919,
-51.2966

■ 129.3020, 38.3051,
-106.3819

■ 178.1180, 14.2388,
-40.4455

■ 126.3230, 39.7738,
-110.7853

■ 186.1580, 10.2751,
-29.0796

■ 193.8990, 6.4588,
-18.3284

■ 201.9390, 2.4951,
-6.9625

■ 209.9790, -1.4686,
4.4034

■ 218.0190, -5.4324,
15.7693

■ 226.0480, -9.3907,
25.3909

Harmonies

Analogous

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



155.5790, 11.5466, -63.6518



153.7100, 26.2720, -73.4137



160.7260, 32.1801, -55.0107

Triad

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



153.7100, 26.2720, -73.4137



175.9240, 8.9115, 35.1467



168.7480, -27.9768, 13.3760

Complementary

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



153.7100, 26.2720, -73.4137



123.2900, -26.2720, 73.4137

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.



171.5210, -26.8789, 34.6231



153.7100, 26.2720, -73.4137



174.9290, -5.3880, 48.2973

Square

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



153.7100, 26.2720, -73.4137



174.9730, 21.2123, 9.6707



173.1880, -18.3337, 47.1931



165.5320, -20.4753, -12.7446

Rectangle

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



153.7100, 26.2720, -73.4137



167.2170, 30.9520, -34.3933



173.1880, -18.3337, 47.1931



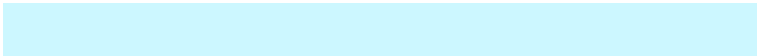
169.9770, -28.5827, 21.0682

Sweetspot

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



153.7100, 26.2720, -73.4137



235.0550, 9.8329, -27.2352



152.8130, -30.4738, -72.6270



115.7960, 6.0166, -16.4841



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.



153.7100, 26.2720, -73.4137



176.7040, 38.5999, -107.6114



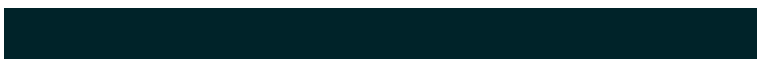
113.7940, 45.9506, -38.4073



100.5370, 2.2003, -5.7329



103.0930, 31.9992, -90.4126



25.2190, 7.7800, -22.1171

Inverse Universe

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



124.1870, 30.4738, 72.6270



133.4790, 44.6269, 106.5739



163.2060, -45.9506, 38.4073



98.3150, 2.3097, 5.8627



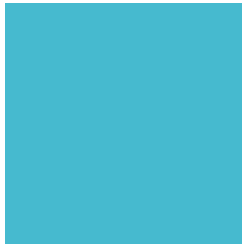
66.5340, 37.6977, 88.9857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 153.7100, 26.2720, -73.4137 looks on a white background.

Color Contrast Check

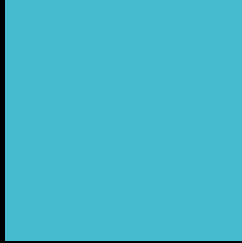
Large Text (above 18pt) WCAG AA × Fail

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 153.7100, 26.2720, -73.4137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

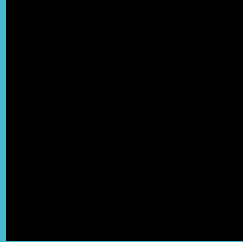
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.7100, 26.2720, -73.4137

Background



This preview shows how black text looks on a background with the YUV color 153.7100, 26.2720, -73.4137.



This preview shows how white text looks on a background with the YUV color 153.7100, 26.2720, -73.4137.

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

153.7100, 26.2720, -73.4137

Protanopia

171.1810, 12.2358, -4.5437

Deuteranopia

171.7170, 19.3665, -5.0138



Tritanopia

152.8300, 24.2408, -75.2729

Trichromacy



Original Color

153.7100, 26.2720, -73.4137

Protanomaly

164.6940, 17.4059, -29.5496

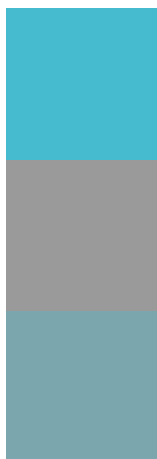
Deuteranomaly

165.2470, 22.0632, -30.0346

Tritanomaly

153.3570, 24.9670, -74.8581

Monochromacy



Original Color

153.7100, 26.2720, -73.4137

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9410, 9.3961, -27.1353

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7100, 26.2720, -73.4137 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(70, 186, 207)` looks like.

```
.text, #text, p{  
    color:rgb(70, 186, 207)  
}
```

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(70, 186, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 186, 207) }
```

Border

The CSS property to change the border of an element to YUV 153.7100, 26.2720, -73.4137 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(70, 186, 207) }
```


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

```
.border{ border-color:rgb(70, 186, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 186, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 186, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 186, 207);  
box-shadow:4px 4px 4px 4px rgb(70, 186,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 153.7100, 26.2720, -73.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 186, 207) }
```

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

```
.background{ background-color: rgb(70, 186,  
207) }
```

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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