

Converting Colors

YUV(155.8600, 15.3520,
-70.9142)

Have a look what the booklet for
YUV(155.8600, 15.3520, -70.9142)
contains.

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Color

**YUV(155.8600, 15.3520,
-70.9142)**

Conversions

Conversions Part 1

Format	Color
Hex	4BBFBB
RGB	75, 191, 187
RGB Percent	29%, 75%, 73%
CMY	0.7059, 0.2510, 0.2667
CMYK	0.61, 0.00, 0.02, 0.25
HSL	178°, 48%, 52%
HSV	178°, 61%, 75%
XYZ	30.5021, 42.3453, 53.5795
YIQ	155.8600, -67.8520, -25.8360

Conversions

Conversions Part 2

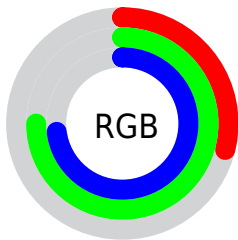
Format	Color
RYB	75, 134, 191
Decimal	4964283
CIELab	71.11, -33.15, -7.71
CIElCh	71, 34.031, 193.096
Yxy	42.3453, 0.2413, 0.3349
Android (android.graphics.Color)	4283154363 (0xFF4BBFB3)
YUV	155.8600, 15.3520, -70.9142
Hunter-Lab	65.0733, -30.2091, -3.2665

Details

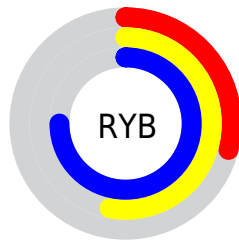
The YUV color **155.8600, 15.3520, -70.9142** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **110.1400, -15.3520, 70.9142**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.9420, 14.3256, -68.3551**, and **95.6950, 18.8844, -83.9245** is the 20% darker color. If you saturate the color by 10%, you get **150.0650, 17.7160, -82.4950**, and if you desaturate by 10%, it is **161.6550, 12.9881, -59.3334**.

Distribution



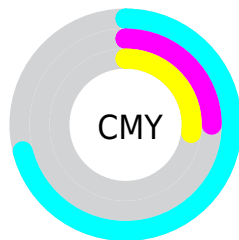
- Red (29%)
- Green (75%)
- Blue (73%)



- Red (29%)
- Yellow (53%)
- Blue (75%)



- Cyan (61%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (71%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.8600, 15.3520, -70.9142 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 155.8600, 15.3520, -70.9142 by changing the saturation by 10% instead.

■ 155.8600, 15.3520,
-70.9142

■ 155.8600, 15.3520,
-70.9142

255.0000, 0.0000,
0.0000

■ 125.8700, 16.8261,
-77.0620

■ 213.9420, 14.3256,
-68.3551

■ 95.6950, 18.8844,
-83.9245

■ 228.0900, 13.2666,
-55.3299

■ 77.5830, 15.4886,
-68.0403

■ 237.0600, 8.8444,
-36.8866

■ 60.0580, 11.8034,
-52.6709

■ 246.0300, 4.4222,
-18.4433

■ 43.3480, 8.7024,
-38.0162

■ 28.0400, 5.8963,
-24.5911

■ 7.5630, 6.1314,

-6.6328

■ 0.0000, 0.0000,
0.0000

■ 155.8600, 15.3520,
-70.9142

■ 155.8600, 15.3520,
-70.9142

■ 150.0650, 17.7160,
-82.4950

■ 161.6550, 12.9881,
-59.3334

■ 144.3840, 20.5167,
-94.1758

■ 167.3360, 10.1874,
-47.6527

■ 138.5890, 22.8806,
-105.7566

■ 173.1310, 7.8234,
-36.0719

■ 133.0930, 25.0972,
-116.7226

■ 178.9260, 5.4595,
-24.4911

■ 184.9060, 2.5113,
-12.1956

■ 190.7010, 0.1474,
-0.6148

■ 196.4960, -2.2165,
10.9660

■ 202.1770, -5.0173,
22.6468

■ 207.9720, -7.3812,
34.2276

Harmonies

Analogous

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



162.0900, -3.4954, -45.6829



155.8600, 15.3520, -70.9142



155.7850, 29.1930, -76.9874

Triad

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



155.8600, 15.3520, -70.9142



177.7780, 20.3224, 15.1037



173.6410, -28.9100, 32.7638

Complementary

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



155.8600, 15.3520, -70.9142



110.1400, -15.3520, 70.9142

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.



175.5040, -20.9545, 47.7930



155.8600, 15.3520, -70.9142



178.7890, 7.0060, 39.6500

Square

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



155.8600, 15.3520, -70.9142



173.3870, 29.8822, -17.8794



177.2560, -8.0142, 50.6415



171.1990, -28.6921, 9.4725

Rectangle

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



155.8600, 15.3520, -70.9142



161.3120, 33.3702, -63.4176



177.2560, -8.0142, 50.6415



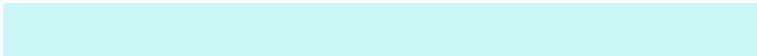
174.5430, -26.8897, 38.1118

Sweetspot

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



155.8600, 15.3520, -70.9142



233.7300, 6.0491, -26.9502



144.8860, -34.4538, -56.0280



116.5140, 3.6906, -17.1138



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



155.8600, 15.3520, -70.9142



192.4960, 23.9125, -110.0600



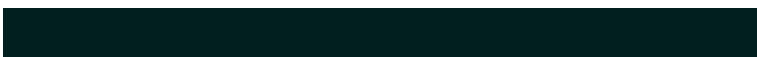
125.7920, 32.1475, -44.5446



91.3090, 1.3267, -5.5330



110.1880, 21.1063, -96.6349



21.6170, 4.1328, -18.9581

Inverse Universe

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



110.1400, -15.3520, 70.9142



121.5040, -23.9125, 110.0600



140.2080, -32.1475, 44.5446



87.6910, -1.3267, 5.5330



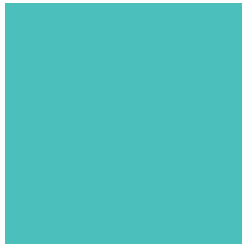
47.8120, -21.1063, 96.6349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 155.8600, 15.3520, -70.9142 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 155.8600, 15.3520, -70.9142 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

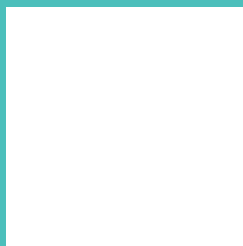
Any Text WCAG AAA ✓ Pass

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

YUV 155.8600, 15.3520, -70.9142 Background



This preview shows how black text looks on a background with the YUV color 155.8600, 15.3520, -70.9142.



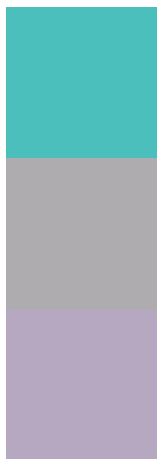
This preview shows how white text looks on a background with the YUV color 155.8600, 15.3520, -70.9142.

-70.9142.

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

155.8600, 15.3520, -70.9142

Protanopia

173.3530, 1.3050, 1.4444

Deuteranopia

174.6230, 8.5669, 5.5926



Tritanopia

158.1300, 22.6139, -66.7660

Trichromacy



Original Color

155.8600, 15.3520, -70.9142

Protanomaly

167.1540, 6.3331, -24.6911

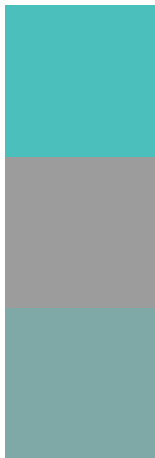
Deuteranomaly

167.4300, 11.1270, -22.3021

Tritanomaly

157.1360, 20.1460, -68.5253

Monochromacy



Original Color

155.8600, 15.3520, -70.9142

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.2140, 5.3175, -25.6207

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.8600, 15.3520, -70.9142 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(75, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(75, 191, 187)  
}
```

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(75, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 191, 187) }
```

Border

The CSS property to change the border of an element to YUV 155.8600, 15.3520, -70.9142 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(75, 191, 187) }
```


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

```
.border{ border-color:rgb(75, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(75, 191, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(75, 191, 187); box-shadow:4px 4px 4px 4px rgb(75, 191, 187) }
```

Background

The CSS property to change the background color of an element to YUV 155.8600, 15.3520, -70.9142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 191, 187) }
```

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

```
.background{ background-color: rgb(75, 191,  
187) }
```

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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