

Converting Colors

YUV(153.3050, 13.6536,
-86.2135)

Have a look what the booklet for
YUV(153.3050, 13.6536, -86.2135)
contains.

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Color

**YUV(153.3050, 13.6536,
-86.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	37C6B5
RGB	55, 198, 181
RGB Percent	22%, 78%, 71%
CMY	0.7843, 0.2235, 0.2902
CMYK	0.72, 0.00, 0.09, 0.22
HSL	173°, 57%, 50%
HSV	173°, 72%, 78%
XYZ	30.1101, 44.5366, 50.7255
YIQ	153.3050, -79.7710, -35.6030

Conversions

Conversions Part 2

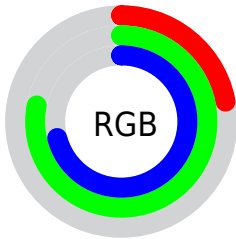
Format	Color
RYB	55, 131, 198
Decimal	3655349
CIELab	72.59, -40.99, -2.31
CIElCh	73, 41.051, 183.224
Yxy	44.5366, 0.2402, 0.3552
Android (android.graphics.Color)	4281845429 (0xFF37C6B5)
YUV	153.3050, 13.6536, -86.2135
Hunter-Lab	66.7357, -36.2511, 1.6490

Details

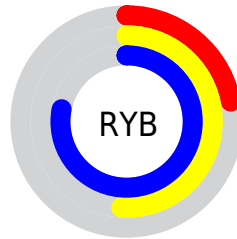
The YUV color **153.3050, 13.6536, -86.2135** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **99.6950, -13.6536, 86.2135**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1810, 11.7428, -79.9657**, and **98.5330, 14.5272, -86.4134** is the 20% darker color. If you saturate the color by 10%, you get **147.0970, 15.7282, -98.3091**, and if you desaturate by 10%, it is **159.5130, 11.5791, -74.1179**.

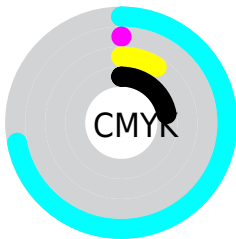
Distribution



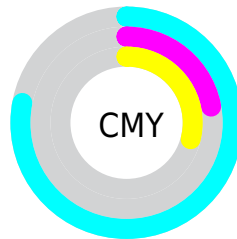
- Red (22%)
- Green (78%)
- Blue (71%)



- Red (22%)
- Yellow (51%)
- Blue (78%)



- Cyan (72%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3050, 13.6536, -86.2135 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 153.3050, 13.6536, -86.2135 by changing the saturation by 10% instead.

■ 153.3050, 13.6536,
-86.2135

■ 153.3050, 13.6536,
-86.2135

■ 255.0000, 0.0000,
0.0000

■ 117.3460, 18.0704,
-102.9124

■ 213.1810, 11.7428,
-79.9657

■ 98.5330, 14.5272,
-86.4134

■ 224.5020, 15.0355,
-62.7073

■ 80.4210, 11.1314,
-70.5292

■ 233.4720, 10.6133,
-44.2639

■ 63.0100, 7.8831,
-55.2598

■ 242.7410, 6.0437,
-25.2059

■ 45.8270, 5.5083,
-40.1903

■ 251.7110, 1.6215,
-6.7625

■ 29.8180, 2.5547,
-26.1504

■ 11.5750, 1.1955,

-10.1513

■ 0.0000, 0.0000,
0.0000

■ 153.3050, 13.6536,
-86.2135

■ 153.3050, 13.6536,
-86.2135

■ 147.0970, 15.7282,
-98.3091

■ 159.5130, 11.5791,
-74.1179

■ 140.7750, 17.3659,
-110.3047

■ 165.8350, 9.9413,
-62.1223

■ 136.0620, 18.7034,
-119.3264

■ 171.7440, 8.0142,
-50.6415

■ 177.9520, 5.9397,
-38.5459

■ 184.2740, 4.3019,
-26.5503

■ 190.4820, 2.2274,
-14.4547

■ 196.6900, 0.1528,
-2.3591

■ 202.7130, -1.3375,
9.0217

■ 208.9210, -3.4121,
21.1173

Harmonies

Analogous

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



164.5540, -10.6261, -45.2129



153.3050, 13.6536, -86.2135



140.4910, 38.2119, -123.2106

Triad

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



153.3050, 13.6536, -86.2135



181.4160, 29.3749, 4.8972



177.8060, -32.4424, 45.7741

Complementary

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



153.3050, 13.6536, -86.2135



99.6950, -13.6536, 86.2135

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.



179.8090, -20.1188, 59.8035



153.3050, 13.6536, -86.2135



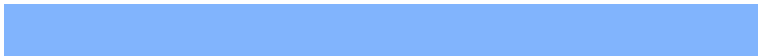
183.1510, 14.7156, 40.2096

Square

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



153.3050, 13.6536, -86.2135



173.0730, 39.4040, -38.6520



181.2770, -3.0946, 59.3931



174.7290, -35.8554, 20.4087

Rectangle

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



153.3050, 13.6536, -86.2135



145.0930, 45.3102, -113.2146



181.2770, -3.0946, 59.3931



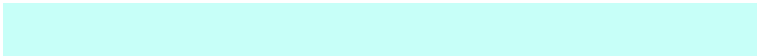
178.6480, -29.4065, 52.0517

Sweetspot

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



153.3050, 13.6536, -86.2135



237.4580, 5.1972, -33.7277



144.6220, -44.1836, -61.9355



117.3780, 3.2646, -20.5025



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.



153.3050, 13.6536, -86.2135



185.6580, 21.3676, -133.8811



124.7190, 36.1275, -61.1436



96.1950, 0.8899, -5.4330



112.0970, 15.7282, -98.3091



24.6660, 3.1227, -21.6321

Inverse Universe

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



99.6950, -13.6536, 86.2135



102.4560, -20.9308, 133.7811



128.2810, -36.1275, 61.1436



92.8050, -0.8899, 5.4330



50.9030, -15.7282, 98.3091



11.2200, -3.5595, 21.7321

Previews

White Background



This preview shows how the YUV color 153.3050, 13.6536, -86.2135 looks on a white background.

Color Contrast Check

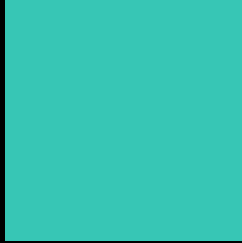
Large Text (above 18pt) WCAG AA × Fail

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 153.3050, 13.6536, -86.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

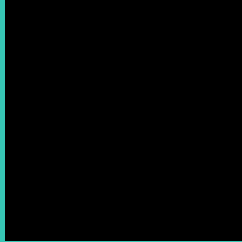
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

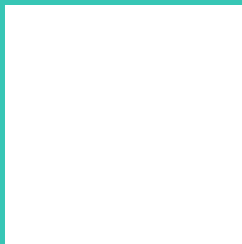
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.3050, 13.6536, -86.2135

Background



This preview shows how black text looks on a background with the YUV color 153.3050, 13.6536, -86.2135.

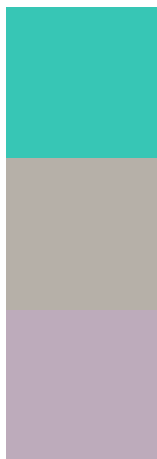


This preview shows how white text looks on a background with the YUV color 153.3050, 13.6536, -86.2135.

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

153.3050, 13.6536, -86.2135

Protanopia

176.8820, -4.3788, 4.4885

Deuteranopia

178.2060, 4.3354, 9.4663



Tritanopia

159.0470, 25.1198, -77.2172

Trichromacy



Original Color

153.3050, 13.6536, -86.2135

Protanomaly

168.3940, 2.2708, -28.4095

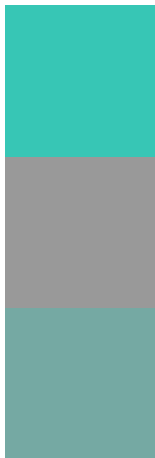
Deuteranomaly

169.1970, 7.7909, -25.6058

Tritanomaly

156.5860, 20.9101, -80.3209

Monochromacy



Original Color

153.3050, 13.6536, -86.2135

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.7680, 5.0444, -31.3685

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3050, 13.6536, -86.2135 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(55, 198, 181)` looks like.

```
.text, #text, p{  
    color:rgb(55, 198, 181)  
}
```

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(55, 198, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 198, 181) }
```

Border

The CSS property to change the border of an element to YUV 153.3050, 13.6536, -86.2135 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(55, 198, 181) }
```


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

```
.border{ border-color:rgb(55, 198, 181) }
```

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

Here you see how a box with a 4 pixel rgb(55, 198, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 198, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 198, 181);  
box-shadow:4px 4px 4px 4px rgb(55, 198,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 153.3050, 13.6536, -86.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 198, 181) }
```

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

```
.background{ background-color: rgb(55, 198,  
181) }
```

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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