

Converting Colors

YUV(139.4870, 37.7209,
-105.6671)

Have a look what the booklet for
YUV(139.4870, 37.7209, -105.6671)
contains.

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Color

**YUV(139.4870, 37.7209,
-105.6671)**

Conversions

Conversions Part 1

Format	Color
Hex	13BAD8
RGB	19, 186, 216
RGB Percent	7%, 73%, 85%
CMY	0.9255, 0.2706, 0.1529
CMYK	0.91, 0.14, 0.00, 0.15
HSL	189°, 84%, 46%
HSV	189°, 91%, 85%
XYZ	30.2221, 40.2141, 71.1350
YIQ	139.4870, -109.1620, -26.0740

Conversions

Conversions Part 2

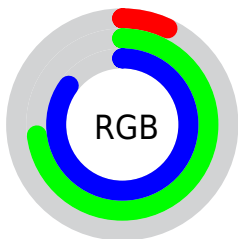
Format	Color
RYB	19, 109, 216
Decimal	1293016
CIELab	69.62, -27.79, -25.92
CIELCh	70, 38.000, 223.005
Yxy	40.2141, 0.2135, 0.2841
Android (android.graphics.Color)	4279483096 (0xFF13BAD8)
YUV	139.4870, 37.7209, -105.6671
Hunter-Lab	63.4146, -25.9060, -22.1180

Details

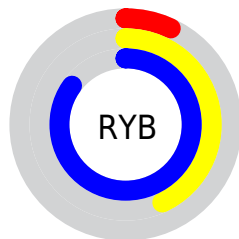
The YUV color **139.4870, 37.7209, -105.6671** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **95.5130, -37.7209, 105.6671**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7150, 25.2835, -83.0651**, and **95.8380, 32.1249, -84.0499** is the 20% darker color. If you saturate the color by 10%, you get **132.0450, 41.3898, -115.8035**, and if you desaturate by 10%, it is **147.8260, 33.6098, -93.6864**.

Distribution



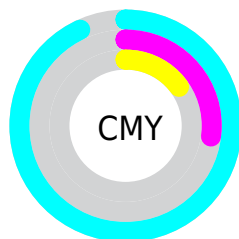
- Red (7%)
- Green (73%)
- Blue (85%)



- Red (7%)
- Yellow (43%)
- Blue (85%)



- Cyan (91%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (93%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.4870, 37.7209, -105.6671 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 139.4870, 37.7209, -105.6671 by changing the saturation by 10% instead.

■ 139.4870, 37.7209,
-105.6671

■ 139.4870, 37.7209,
-105.6671

■ 255.0000, 0.0000,
0.0000

■ 114.7650, 36.1049,
-100.6489

■ 203.7150, 25.2835,
-83.0651

■ 95.8380, 32.1249,
-84.0499

■ 221.2130, 16.6570,
-69.4698

■ 78.1990, 28.0029,
-68.5805

■ 230.4820, 12.0874,
-50.4117

■ 60.5600, 23.8809,
-53.1111

■ 240.0500, 7.3704,
-30.7388

■ 44.3230, 20.0538,
-38.8713

■ 249.3190, 2.8007,
-11.6808

■ 28.7870, 16.3740,
-25.2462

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 139.4870, 37.7209,
-105.6671

■ 139.4870, 37.7209,
-105.6671

■ 132.0450, 41.3898,
-115.8035

■ 147.8260, 33.6098,
-93.6864

■ 156.4530, 29.3567,
-82.8353

■ 164.7920, 25.2455,
-70.8546

■ 172.8320, 21.2818,
-59.4887

■ 181.1710, 17.1707,
-47.5080

■ 190.0970, 12.7702,
-36.0421

■ 198.1370, 8.8065,
-24.6761

■ 206.4760, 4.6953,
-12.6955

■ 215.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



145.0750, 19.1900, -88.6428



139.4870, 37.7209, -105.6671



156.9790, 38.4644, -64.0026

Triad

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



139.4870, 37.7209, -105.6671



174.7510, 8.0108, 44.0684



166.4010, -31.7497, 10.1723

Complementary

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



139.4870, 37.7209, -105.6671



95.5130, -37.7209, 105.6671

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.



169.1530, -32.1204, 35.8228



139.4870, 37.7209, -105.6671



172.5880, -8.1779, 56.4893

Square

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



139.4870, 37.7209, -105.6671



174.4730, 22.9378, 16.2482



171.3690, -22.8599, 52.2964



162.1460, -21.7640, -19.4220

Rectangle

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



139.4870, 37.7209, -105.6671



165.7700, 35.6094, -34.8783



171.3690, -22.8599, 52.2964



167.1140, -33.0872, 19.1940

Sweetspot

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



139.4870, 37.7209, -105.6671



228.4990, 13.0650, -37.2716



138.0590, -43.9061, -104.4147



111.6320, 8.0694, -21.6023



0.0000, 0.0000, 0.0000



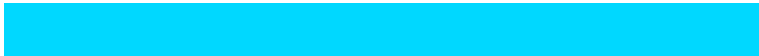
128.0000, 0.0000, 0.0000

Same Dimension

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



139.4870, 37.7209, -105.6671



155.8620, 48.8750, -136.6910



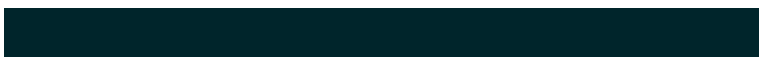
81.9610, 66.0812, -55.2168



102.5370, 2.2003, -5.7329



104.6090, 32.7308, -91.7421



26.6210, 8.0748, -23.3466

Inverse Universe

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



96.9410, 43.9061, 104.4147



100.8690, 56.7596, 135.1729



153.0390, -66.0812, 55.2168



100.3150, 2.3097, 5.8627



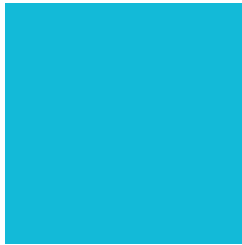
67.6590, 38.1291, 90.6301



17.0750, 9.8230, 22.7362

Previews

White Background



This preview shows how the YUV color 139.4870, 37.7209, -105.6671 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 139.4870, 37.7209, -105.6671 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 139.4870, 37.7209, -105.6671 Background



This preview shows how black text looks on a background with the YUV color 139.4870, 37.7209, -105.6671.



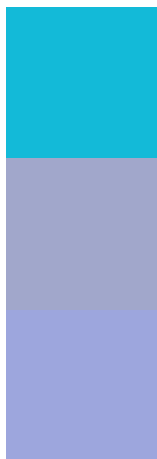
This preview shows how white text looks on a background with the YUV color 139.4870, 37.7209, -105.6671.

-105.6671.

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

139.4870, 37.7209, -105.6671

Protanopia

169.3100, 16.6092, -7.2879

Deuteranopia

169.5790, 25.3506, -11.0318



Tritanopia

133.4980, 34.2645, -117.0777

Trichromacy



Original Color

139.4870, 37.7209, -105.6671



Protanomaly

158.4410, 24.4326, -43.3598



Deuteranomaly

158.5100, 29.8216, -45.1743



Tritanomaly

135.5740, 35.7060, -112.7594

Monochromacy



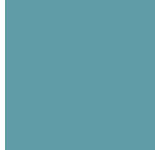
Original Color

139.4870, 37.7209, -105.6671



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

139.0150, 13.7966, -38.6012

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.4870, 37.7209, -105.6671 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(19, 186, 216)` looks like.

```
.text, #text, p{  
    color:rgb(19, 186, 216)  
}
```

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(19, 186, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 186, 216) }
```

Border

The CSS property to change the border of an element to YUV 139.4870, 37.7209, -105.6671 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(19, 186, 216) }
```


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

```
.border{ border-color:rgb(19, 186, 216) }
```

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

Here you see how a box with a 4 pixel rgb(19, 186, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 186, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 186, 216);  
box-shadow:4px 4px 4px 4px rgb(19, 186,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 139.4870, 37.7209, -105.6671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 186, 216) }
```

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

```
.background{ background-color: rgb(19, 186,  
216) }
```

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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