

Converting Colors

YUV(134.8190, 37.5572,
-99.8193)

Have a look what the booklet for
YUV(134.8190, 37.5572, -99.8193)
contains.

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Color

**YUV(134.8190, 37.5572,
-99.8193)**

Conversions

Conversions Part 1

Format	Color
Hex	15B2D3
RGB	21, 178, 211
RGB Percent	8%, 70%, 83%
CMY	0.9176, 0.3020, 0.1725
CMYK	0.90, 0.16, 0.00, 0.17
HSL	190°, 82%, 45%
HSV	190°, 90%, 83%
XYZ	27.9875, 36.7034, 67.2374
YIQ	134.8190, -104.1650, -23.0210

Conversions

Conversions Part 2

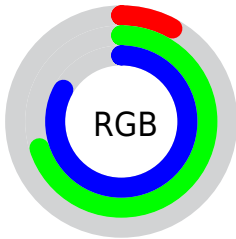
Format	Color
R _Y B	21, 107, 211
Decimal	1422035
CIE Lab	67.05, -25.35, -27.12
CIE LCh	67, 37.119, 226.931
Yxy	36.7034, 0.2121, 0.2782
Android (android.graphics.Color)	4279612115 (0xFF15B2D3)
YUV	134.8190, 37.5572, -99.8193
Hunter-Lab	60.5833, -23.5596, -23.3937

Details

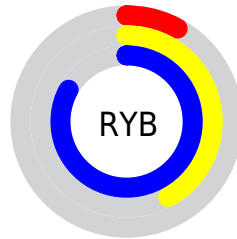
The YUV color **134.8190, 37.5572, -99.8193** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **97.1810, -37.5572, 99.8193**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7200, 27.7460, -79.5614**, and **91.1590, 31.9666, -79.9464** is the 20% darker color. If you saturate the color by 10%, you get **126.1920, 41.8103, -110.6704**, and if you desaturate by 10%, it is **143.4460, 33.3041, -88.9681**.

Distribution



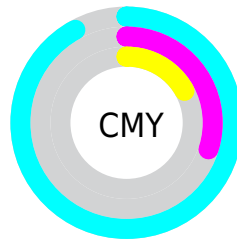
- Red (8%)
- Green (70%)
- Blue (83%)



- Red (8%)
- Yellow (42%)
- Blue (83%)



- Cyan (90%)
- Magenta (16%)
- Yellow (0%)
- Black (17%)



- Cyan (92%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8190, 37.5572, -99.8193 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 134.8190, 37.5572, -99.8193 by changing the saturation by 10% instead.

■ 134.8190, 37.5572,
-99.8193

■ 134.8190, 37.5572,
-99.8193

■ 255.0000, 0.0000,
0.0000

■ 109.4990, 36.2360,
-96.0306

■ 198.7200, 27.7460,
-79.5614

■ 91.1590, 31.9666,
-79.9464

■ 220.6150, 16.9518,
-70.6994

■ 73.5200, 27.8446,
-64.4770

■ 229.8840, 12.3822,
-51.6413

■ 56.5820, 23.8701,
-49.6224

■ 239.1530, 7.8126,
-32.5832

■ 39.7580, 20.3323,
-34.8678

■ 248.4220, 3.2430,
-13.5251

■ 25.8690, 15.3476,
-22.6871

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 134.8190, 37.5572,
-99.8193

■ 134.8190, 37.5572,
-99.8193

■ 126.1920, 41.8103,
-110.6704

■ 143.4460, 33.3041,
-88.9681

■ 151.4860, 29.3404,
-77.6022

■ 160.1130, 25.0873,
-66.7511

■ 168.7400, 20.8342,
-55.9000

■ 177.0790, 16.7231,
-43.9193

■ 185.7060, 12.4699,
-33.0682

■ 194.3330, 8.2168,
-22.2170

■ 202.3730, 4.2531,
-10.8511

■ 211.0000, 0.0000,
0.0000

Harmonies

Analogous

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



136.4490, 21.9636, -91.6018



134.8190, 37.5572, -99.8193



152.6810, 37.1323, -56.7252

Triad

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



134.8190, 37.5572, -99.8193



167.4800, 5.6794, 45.1830



158.8350, -29.9917, 6.2837

Complementary

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



134.8190, 37.5572, -99.8193



97.1810, -37.5572, 99.8193

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.



161.9460, -31.5254, 31.6194



134.8190, 37.5572, -99.8193



166.0070, -10.3565, 55.2449

Square

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



134.8190, 37.5572, -99.8193



167.8110, 20.3062, 20.3368



164.1190, -23.7227, 49.0076



154.2210, -18.8430, -22.9958

Rectangle

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



134.8190, 37.5572, -99.8193



160.3470, 33.8459, -29.2453



164.1190, -23.7227, 49.0076



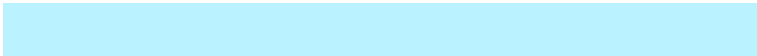
160.4340, -31.7660, 15.4054

Sweetspot

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



134.8190, 37.5572, -99.8193



227.3250, 13.6438, -36.2420



136.1780, -41.0068, -101.0111



111.0450, 8.3588, -21.0875



0.0000, 0.0000, 0.0000



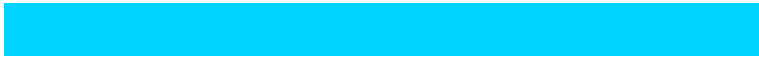
128.0000, 0.0000, 0.0000

Same Dimension

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



134.8190, 37.5572, -99.8193



152.9270, 50.3220, -134.1170



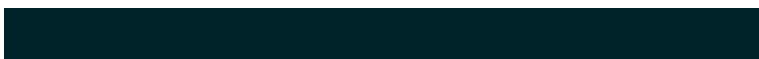
79.6410, 64.7600, -51.4282



100.5370, 2.2003, -5.7329



100.7450, 33.1567, -88.3534



24.6320, 8.0694, -21.6023

Inverse Universe

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



95.7080, 40.5700, 101.1111



100.2990, 54.5756, 135.6728



152.3590, -64.7600, 51.4282



98.3150, 2.3097, 5.8627



66.0780, 35.9505, 89.3856



16.1350, 8.8074, 21.8066

Previews

White Background



This preview shows how the YUV color 134.8190, 37.5572, -99.8193 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 134.8190, 37.5572, -99.8193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

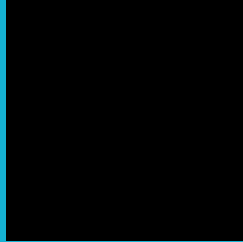
Any Text WCAG AA ✓ Pass

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 134.8190, 37.5572, -99.8193 Background



This preview shows how black text looks on a background with the YUV color 134.8190, 37.5572, -99.8193.

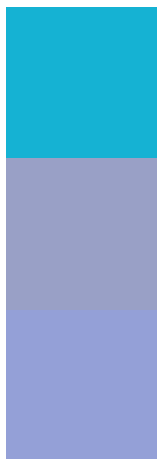


This preview shows how white text looks on a background with the YUV color 134.8190, 37.5572, -99.8193.

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

134.8190, 37.5572, -99.8193

Protanopia

162.2390, 17.6302, -8.1026

Deuteranopia

162.6820, 25.7928, -12.8761



Tritanopia

127.8900, 33.0852, -112.1595

Trichromacy



Original Color

134.8190, 37.5572, -99.8193

Protanomaly

152.5660, 24.8640, -41.7154

Deuteranomaly

152.9230, 30.1110, -44.6595

Tritanomaly

130.3790, 34.8162, -107.3264

Monochromacy



Original Color

134.8190, 37.5572, -99.8193

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.3250, 13.6438, -36.2420

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8190, 37.5572, -99.8193 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(21, 178, 211)` looks like.

```
.text, #text, p{  
    color:rgb(21, 178, 211)  
}
```

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(21, 178, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 178, 211) }
```

Border

The CSS property to change the border of an element to YUV 134.8190, 37.5572, -99.8193 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(21, 178, 211) }
```


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

```
.border{ border-color:rgb(21, 178, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 178, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 178, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 178, 211);  
box-shadow:4px 4px 4px 4px rgb(21, 178,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 134.8190, 37.5572, -99.8193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 178, 211) }
```

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

```
.background{ background-color: rgb(21, 178,  
211) }
```

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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