

Converting Colors

YUV(151.6500, 37.1476,
-108.4410)

Have a look what the booklet for
YUV(151.6500, 37.1476, -108.4410)
contains.

YUV(151.6500, 37.1476, -108.4410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(151.6500, 37.1476,
-108.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	1CC8E3
RGB	28, 200, 227
RGB Percent	11%, 78%, 89%
CMY	0.8902, 0.2157, 0.1098
CMYK	0.88, 0.12, 0.00, 0.11
HSL	188°, 78%, 50%
HSV	188°, 88%, 89%
XYZ	34.9983, 47.1015, 79.9199
YIQ	151.6500, -111.1790, -28.0670

Conversions

Conversions Part 2

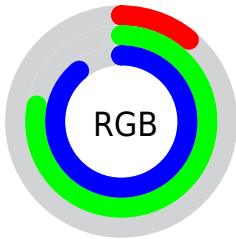
Format	Color
RYB	28, 120, 227
Decimal	1886435
CIELab	74.25, -30.65, -24.80
CIElCh	74, 39.428, 218.974
Yxy	47.1015, 0.2160, 0.2907
Android (android.graphics.Color)	4280076515 (0xFF1CC8E3)
YUV	151.6500, 37.1476, -108.4410
Hunter-Lab	68.6305, -29.0769, -21.0016

Details

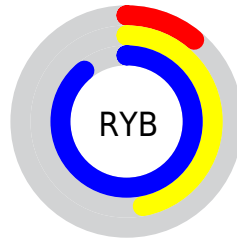
The YUV color **151.6500, 37.1476, -108.4410** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **103.3500, -37.1475, 108.4411**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1400, 20.6370, -86.0688**, and **105.3100, 32.8782, -92.3569** is the 20% darker color. If you saturate the color by 10%, you get **143.0120, 41.4061, -121.0365**, and if you desaturate by 10%, it is **160.2880, 32.8890, -95.8456**.

Distribution



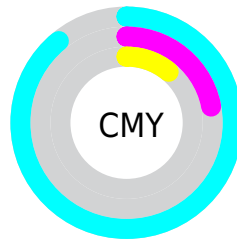
- Red (11%)
- Green (78%)
- Blue (89%)



- Red (11%)
- Yellow (47%)
- Blue (89%)



- Cyan (88%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6500, 37.1476, -108.4410 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 151.6500, 37.1476, -108.4410 by changing the saturation by 10% instead.

151.6500, 37.1476,
-108.4410

151.6500, 37.1476,
-108.4410

255.0000, 0.0000,
0.0000

123.6500, 37.1475,
-108.4411

213.1400, 20.6370,
-86.0688

105.3100, 32.8782,
-92.3569

223.0070, 15.7725,
-65.7811

86.9700, 28.6088,
-76.2727

232.5750, 11.0555,
-46.1083

68.7440, 24.7762,
-60.2885

241.8440, 6.4859,
-27.0502

51.8060, 20.8016,
-45.4339

251.4120, 1.7689,
-7.3773

35.6830, 17.4113,
-31.2940

20.7340, 13.4421,

-18.1837

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 151.6500, 37.1476,
-108.4410

■ 151.6500, 37.1476,
-108.4410

■ 143.0120, 41.4061,
-121.0365

■ 160.2880, 32.8890,
-95.8456

■ 140.9300, 42.4325,
-123.5956

■ 168.6270, 28.7779,
-83.8649

■ 177.2650, 24.5194,
-71.2694

■ 185.9030, 20.2608,
-58.6739

■ 194.5410, 16.0023,
-46.0785

■ 202.8800, 11.8912,
-34.0978

■ 212.1050, 7.3432,
-22.0171

■ 220.7430, 3.0847,
-9.4216

■ 229.0820, -1.0264,
2.5591

Harmonies

Analogous

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



158.8150, 16.8532, -85.7838



151.6500, 37.1476, -108.4410



167.0920, 40.3806, -71.9947

Triad

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



151.6500, 37.1476, -108.4410



187.4350, 10.6315, 43.4685



179.1520, -34.0919, 14.7757

Complementary

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



151.6500, 37.1476, -108.4410



103.3500, -37.1475, 108.4411

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.



182.2460, -33.1523, 40.1263



151.6500, 37.1476, -108.4410



185.7670, -6.2941, 58.9633

Square

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



151.6500, 37.1476, -108.4410



186.5480, 25.8588, 12.6744



184.2170, -22.2920, 56.8147



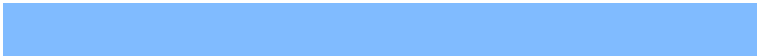
174.7720, -24.5376, -16.4630

Rectangle

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



151.6500, 37.1476, -108.4410



177.1110, 38.3993, -43.0703



184.2170, -22.2920, 56.8147



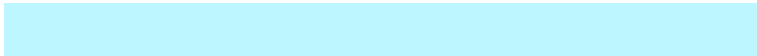
180.3920, -34.7033, 24.2122

Sweetspot

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



151.6500, 37.1476, -108.4410



229.9830, 12.3334, -35.9421



147.8910, -45.7953, -105.1444



112.5180, 7.6326, -21.5023



0.0000, 0.0000, 0.0000



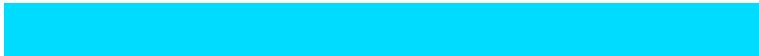
128.0000, 0.0000, 0.0000

Same Dimension

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



151.6500, 37.1476, -108.4410



158.2100, 47.7175, -138.7502



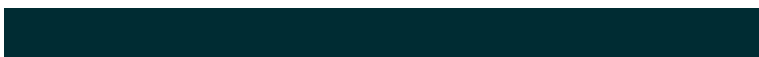
93.5370, 65.7973, -57.4759



110.2380, 2.3477, -6.3477



110.8040, 33.6206, -97.1751



31.6420, 9.5435, -27.7500

Inverse Universe

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



107.1090, 45.7953, 105.1444



101.3250, 58.5068, 134.7730



161.4630, -65.7973, 57.4759



107.7280, 2.5991, 6.3775



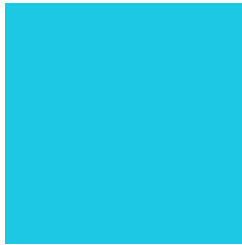
71.0770, 40.8810, 94.6485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 151.6500, 37.1476, -108.4410 looks on a white background.

Color Contrast Check

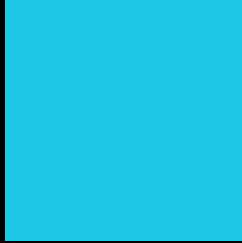
Large Text (above 18pt) WCAG AA × Fail

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 151.6500, 37.1476, -108.4410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

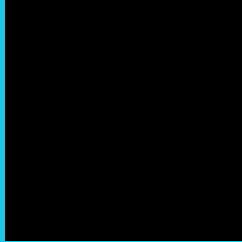
Any Text WCAG AA ✓ Pass

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 151.6500, 37.1476, -108.4410 Background



This preview shows how black text looks on a background with the YUV color 151.6500, 37.1476, -108.4410.

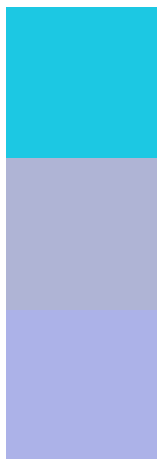


This preview shows how white text looks on a background with the YUV color 151.6500, 37.1476, -108.4410.

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

151.6500, 37.1476, -108.4410

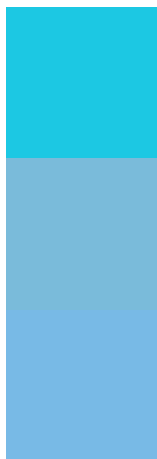
Protanopia

182.2670, 15.1514, -6.3732

Deuteranopia

182.3620, 24.4715, -9.0875

Trichromacy



Original Color

151.6500, 37.1476, -108.4410

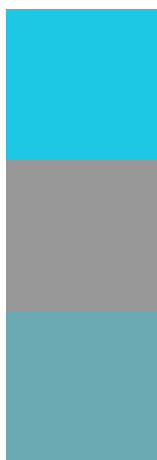
Protanomaly

171.0990, 23.1222, -43.0598

Deuteranomaly

171.2820, 28.9480, -44.9743

Monochromacy



Original Color

151.6500, 37.1476, -108.4410

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.6020, 13.5072, -39.1160

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6500, 37.1476, -108.4410 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(28, 200, 227)` looks like.

```
.text, #text, p{  
  color:rgb(28, 200, 227)  
}
```

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(28, 200, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 200, 227) }
```

Border

The CSS property to change the border of an element to YUV 151.6500, 37.1476, -108.4410 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(28, 200, 227) }
```

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

```
.border{ border-color:rgb(28, 200, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 200, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 200, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 200, 227);  
box-shadow:4px 4px 4px 4px rgb(28, 200,  
227) }
```


Background

The CSS property to change the background color of an element to YUV 151.6500, 37.1476, -108.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 200, 227) }
```

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

```
.background{ background-color: rgb(28, 200,  
227) }
```

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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