

Converting Colors

YUV(151.8170, 37.0652,
-128.7585)

Have a look what the booklet for
YUV(151.8170, 37.0652, -128.7585)
contains.

| | |
|--|----|
| YUV(151.8170, 37.0652, -128.7585) | 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> | 31 |

Color

**YUV(151.8170, 37.0652,
-128.7585)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 05D4E3 |
| RGB | 5, 212, 227 |
| RGB Percent | 2%, 83%, 89% |
| CMY | 0.9804, 0.1686, 0.1098 |
| CMYK | 0.98, 0.07, 0.00, 0.11 |
| HSL | 184°, 96%, 45% |
| HSV | 184°, 98%, 89% |
| XYZ | 37.4712, 52.6653, 80.8635 |
| YIQ | 151.8170, -128.1870, -39.2190 |

Conversions

Conversions Part 2

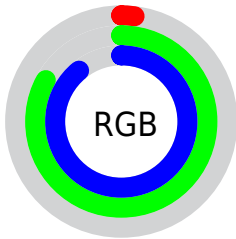
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 5, 112, 227 |
| Decimal | 382179 |
| CIELab | 77.68, -37.15, -19.61 |
| CIELCh | 78, 42.010, 207.820 |
| Yxy | 52.6653, 0.2191, 0.3080 |
| Android (android.graphics.Color) | 4278572259 (0xFF05D4E3) |
| YUV | 151.8170, 37.0652, -128.7585 |
| Hunter-Lab | 72.5709, -34.8324, -15.2655 |

Details

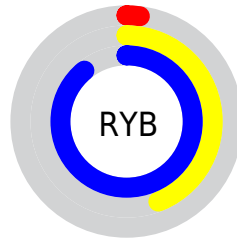
The YUV color **151.8170, 37.0652, -128.7585** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **80.1830, -37.0652, 128.7585**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2430, 21.0792, -87.9131**, and **111.7670, 29.6949, -98.0197** is the 20% darker color. If you saturate the color by 10%, you get **150.3220, 37.8023, -131.8324**, and if you desaturate by 10%, it is **159.8680, 33.0961, -115.6482**.

Distribution



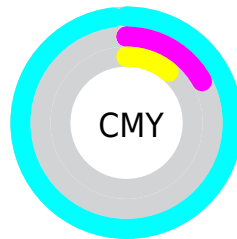
- Red (2%)
- Green (83%)
- Blue (89%)



- Red (2%)
- Yellow (44%)
- Blue (89%)



- Cyan (98%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (98%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.8170, 37.0652, -128.7585 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 151.8170, 37.0652, -128.7585 by changing the saturation by 10% instead.

151.8170, 37.0652,
-128.7585

151.8170, 37.0652,
-128.7585

255.0000, 0.0000,
0.0000

130.6940, 33.6749,
-114.6186

212.2430, 21.0792,
-87.9131

111.7670, 29.6949,
-98.0197

222.4090, 16.0674,
-67.0107

92.8400, 25.7149,
-81.4207

231.9770, 11.3503,
-47.3378

75.2010, 21.5929,
-65.9513

241.5450, 6.6333,
-27.6650

57.7900, 18.3445,
-50.6818

251.1130, 1.9163,
-7.9921

40.9660, 14.8068,
-35.9272

26.0170, 10.8376,

-22.8169

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 151.8170, 37.0652,
-128.7585

■ 151.8170, 37.0652,
-128.7585

■ 150.3220, 37.8023,
-131.8324

■ 159.8680, 33.0961,
-115.6482

■ 167.0330, 29.5637,
-102.6379

■ 175.0840, 25.5946,
-89.5277

■ 182.5480, 21.9148,
-75.9026

■ 190.5990, 17.9457,
-62.7923

■ 197.7640, 14.4133,
-49.7820

■ 205.8150, 10.4442,
-36.6718

■ 213.2790, 6.7645,
-23.0467

■ 221.0310, 2.9427,
-10.5512

Harmonies

Analogous

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



170.3830, 8.6852, -79.2659



151.8170, 37.0652, -128.7585



167.0240, 43.3722, -98.2450

Triad

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



151.8170, 37.0652, -128.7585



197.0410, 18.2208, 35.9210



189.6050, -37.7663, 26.6564

Complementary

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



151.8170, 37.0652, -128.7585



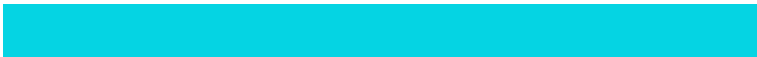
80.1830, -37.0652, 128.7585

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.



192.2520, -32.1692, 51.5220



151.8170, 37.0652, -128.7585



193.6830, 1.1423, 53.7750

Square

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



151.8170, 37.0652, -128.7585



193.8990, 30.1228, -1.6654



190.5250, -16.0348, 56.5446



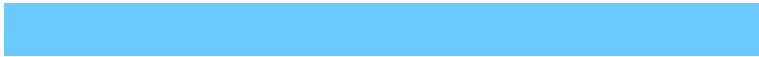
185.7150, -31.4115, -5.0121

Rectangle

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



151.8170, 37.0652, -128.7585



178.7510, 37.5908, -63.8026



190.5250, -16.0348, 56.5446



190.6000, -36.7778, 36.3078

Sweetspot

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



151.8170, 37.0652, -128.7585



229.9390, 12.3551, -42.9195



137.0240, -57.6928, -115.7850



112.1970, 7.7909, -25.6058



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.



151.8170, 37.0652, -128.7585



168.7760, 42.5084, -148.0166



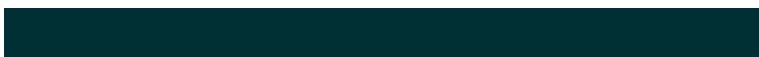
86.6600, 69.1876, -71.6158



110.8250, 2.0583, -6.8625



117.8480, 30.1479, -103.3527



33.9900, 8.3859, -29.8092

Inverse Universe

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



94.9760, 57.6928, 115.7850



103.3770, 66.3691, 132.9734



145.3400, -69.1876, 71.6158



107.8420, 3.0359, 6.2776



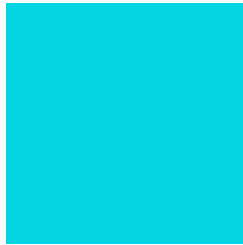
72.4450, 46.1226, 93.4487



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 151.8170, 37.0652, -128.7585 looks on a white background.

Color Contrast Check

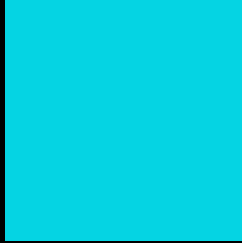
Large Text (above 18pt) WCAG AA × Fail

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 151.8170, 37.0652, -128.7585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

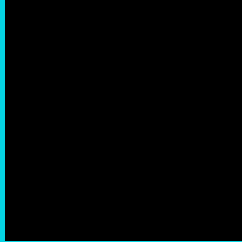
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

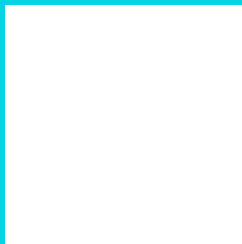
Any Text WCAG AAA ✓ Pass

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

YUV 151.8170, 37.0652, -128.7585 Background



This preview shows how black text looks on a background with the YUV color 151.8170, 37.0652, -128.7585.

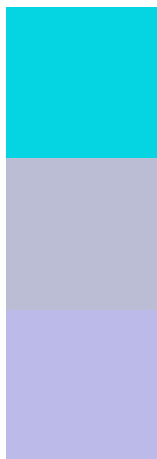


This preview shows how white text looks on a background with the YUV color 151.8170, 37.0652, -128.7585.

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

151.8170, 37.0652, -128.7585

Protanopia

191.0240, 10.3412, -3.5290

Deuteranopia

191.9560, 20.2347, -3.4694



Tritanopia

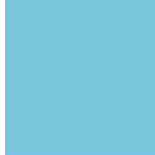
155.3340, 36.3173, -122.1959

Trichromacy



Original Color

151.8170, 37.0652, -128.7585



Protanomaly

176.5560, 19.9389, -48.7226



Deuteranomaly

176.9780, 26.6328, -49.0927



Tritanomaly

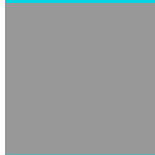
154.0240, 36.4702, -124.5550

Monochromacy



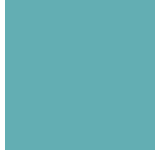
Original Color

151.8170, 37.0652, -128.7585



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

152.1450, 13.2395, -46.6082

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.8170, 37.0652, -128.7585 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(5, 212, 227)` looks like.

```
.text, #text, p{  
    color:rgb(5, 212, 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(5, 212, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 212, 227) }
```

Border

The CSS property to change the border of an element to YUV 151.8170, 37.0652, -128.7585 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(5, 212, 227) }
```


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

```
.border{ border-color:rgb(5, 212, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 212, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(5, 212, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(5, 212, 227); box-shadow:4px 4px 4px 4px rgb(5, 212, 227) }
```

Background

The CSS property to change the background color of an element to YUV 151.8170, 37.0652, -128.7585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 212, 227) }
```

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

```
.background{ background-color: rgb(5, 212,  
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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