

Converting Colors

YUV(170.5310, 34.2482,
-111.8447)

Have a look what the booklet for
YUV(170.5310, 34.2482, -111.8447)
contains.

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Color

**YUV(170.5310, 34.2482,
-111.8447)**

Conversions

Conversions Part 1

Format	Color
Hex	2BDEF0
RGB	43, 222, 240
RGB Percent	17%, 87%, 94%
CMY	0.8314, 0.1294, 0.0588
CMYK	0.82, 0.07, 0.00, 0.06
HSL	185°, 87%, 55%
HSV	185°, 82%, 94%
XYZ	42.8457, 59.0474, 91.5772
YIQ	170.5310, -112.4620, -32.3500

Conversions

Conversions Part 2

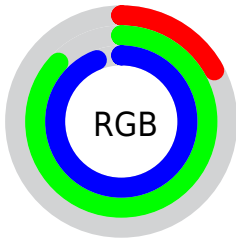
Format	Color
R_{YB}	43, 137, 240
Decimal	2875120
CIE _{Lab}	81.32, -36.10, -21.00
CIE _{LCh}	81, 41.759, 210.188
Yxy	59.0474, 0.2215, 0.3052
Android (android.graphics.Color)	4281065200 (0xFF2BDEF0)
YUV	170.5310, 34.2482, -111.8447
Hunter-Lab	76.8423, -34.9461, -16.8695

Details

The YUV color **170.5310, 34.2482, -111.8447** 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 **112.4690, -34.2482, 111.8447**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1300, 19.1629, -79.9210**, and **118.4180, 32.3319, -103.8526** is the 20% darker color. If you saturate the color by 10%, you get **162.1810, 38.3648, -125.5697**, and if you desaturate by 10%, it is **178.8810, 30.1317, -98.1196**.

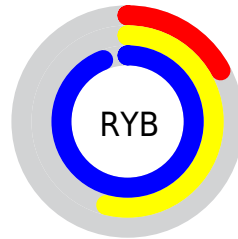
Distribution



Red (17%)

Green (87%)

Blue (94%)



Red (17%)

Yellow (54%)

Blue (94%)

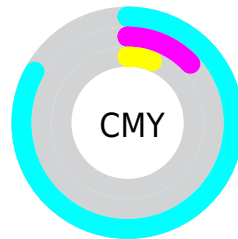


Cyan (82%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (83%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5310, 34.2482, -111.8447 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 170.5310, 34.2482, -111.8447 by changing the saturation by 10% instead.

170.5310, 34.2482,
-111.8447

170.5310, 34.2482,
-111.8447

255.0000, 0.0000,
0.0000

138.0460, 36.4593,
-121.0663

216.1300, 19.1629,
-79.9210

118.4180, 32.3319,
-103.8526

225.9970, 14.2985,
-59.6334

100.0780, 28.0625,
-87.7684

235.8640, 9.4340,
-39.3457

81.8520, 24.2300,
-71.7842

245.1330, 4.8644,
-20.2876

63.7400, 20.8342,
-55.9000

254.7010, 0.1474,
-0.6148

46.9160, 17.2964,
-41.1453

31.2660, 13.1799,

-27.4203

■ 10.6750, 12.9782,
-9.3620

■ 2.1830, 5.8258,
-1.9145

■ 170.5310, 34.2482,
-111.8447

■ 170.5310, 34.2482,
-111.8447

■ 162.1810, 38.3648,
-125.5697

■ 178.8810, 30.1317,
-98.1196

■ 155.3260, 41.7443,
-136.2209

■ 187.2310, 26.0151,
-84.3946

■ 196.1680, 21.6092,
-71.1843

■ 204.5180, 17.4926,
-57.4593

■ 212.8680, 13.3761,
-43.7342

■ 221.2180, 9.2595,
-30.0092

■ 229.5680, 5.1430,
-16.2841

■ 238.5050, 0.7370,
-3.0739

■ 245.6590, -2.7899,
8.1921

Harmonies

Analogous

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



180.4260, 10.1430, -80.1806



170.5310, 34.2482, -111.8447



179.4830, 37.2299, -88.1236

Triad

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



170.5310, 34.2482, -111.8447



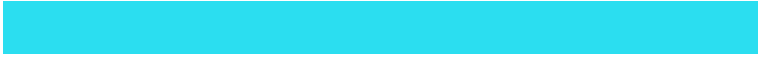
208.0090, 16.7576, 38.5801



199.5940, -37.7608, 24.9121

Complementary

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



170.5310, 34.2482, -111.8447



112.4690, -34.2482, 111.8447

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.



200.8170, -32.4478, 47.5185



170.5310, 34.2482, -111.8447



200.3510, 1.3060, 47.9272

Square

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



170.5310, 34.2482, -111.8447



203.6670, 25.3072, 2.9230



197.7800, -16.1605, 50.1819



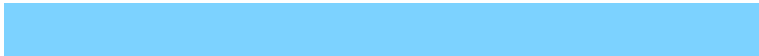
194.9320, -30.5325, -6.9564

Rectangle

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



170.5310, 34.2482, -111.8447



189.4160, 32.3329, -57.3698



197.7800, -16.1605, 50.1819



200.4750, -37.2092, 34.6634

Sweetspot

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



170.5310, 34.2482, -111.8447



232.3420, 11.1704, -36.2569



160.4630, -50.0213, -103.0151



113.9910, 6.9064, -21.9171



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.



170.5310, 34.2482, -111.8447



166.1510, 43.8026, -143.0834



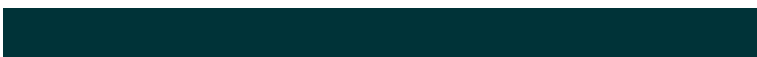
113.5920, 62.3191, -61.9092



115.8250, 2.0583, -6.8625



119.0050, 32.0425, -104.3674



36.3210, 9.7017, -31.8535

Inverse Universe

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



122.3090, 49.1477, 103.2150



104.4540, 62.8802, 132.0288



169.4080, -62.3191, 61.9092



112.8420, 3.0359, 6.2776



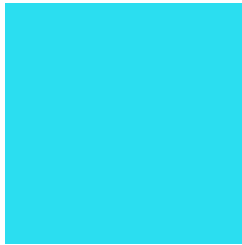
74.0540, 45.8224, 96.4226



22.5580, 14.0219, 29.3286

Previews

White Background



This preview shows how the YUV color 170.5310, 34.2482, -111.8447 looks on a white background.

Color Contrast Check

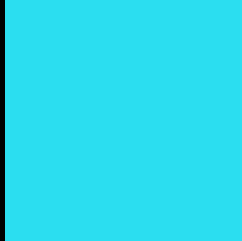
Large Text (above 18pt) WCAG AA × Fail

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 170.5310, 34.2482, -111.8447 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 170.5310, 34.2482, -111.8447 Background



This preview shows how black text looks on a background with the YUV color 170.5310, 34.2482, -111.8447.

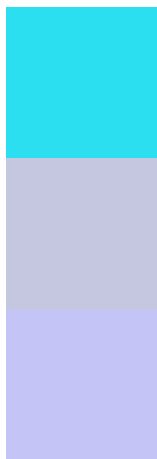


This preview shows how white text looks on a background with the YUV color 170.5310, 34.2482, -111.8447.

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

170.5310, 34.2482, -111.8447

Protanopia

201.3660, 11.6516, -3.8290

Deuteranopia

201.9990, 21.6925, -4.3841



Tritanopia

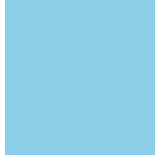
170.5310, 34.2482, -111.8447

Trichromacy



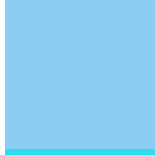
Original Color

170.5310, 34.2482, -111.8447



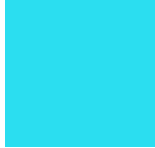
Protanomaly

189.8880, 19.7752, -42.8748



Deuteranomaly

190.3100, 26.4692, -43.2449



Tritanomaly

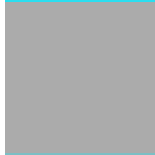
170.5310, 34.2482, -111.8447

Monochromacy



Original Color

170.5310, 34.2482, -111.8447



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.9500, 12.3497, -41.1751

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5310, 34.2482, -111.8447 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(43, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(43, 222, 240)  
}
```

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(43, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 222, 240) }
```

Border

The CSS property to change the border of an element to YUV 170.5310, 34.2482, -111.8447 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(43, 222, 240) }
```


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

```
.border{ border-color:rgb(43, 222, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(43, 222,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 170.5310, 34.2482, -111.8447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 222, 240) }
```

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

```
.background{ background-color: rgb(43, 222,  
240) }
```

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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