

Converting Colors

YUV(167.5090, 30.8081,
-128.4884)

Have a look what the booklet for
YUV(167.5090, 30.8081, -128.4884)
contains.

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Color

**YUV(167.5090, 30.8081,
-128.4884)**

Conversions

Conversions Part 1

Format	Color
Hex	15E6E6
RGB	21, 230, 230
RGB Percent	8%, 90%, 90%
CMY	0.9176, 0.0980, 0.0980
CMYK	0.91, 0.00, 0.00, 0.10
HSL	180°, 83%, 49%
HSV	180°, 91%, 90%
XYZ	42.8890, 62.4662, 84.6596
YIQ	167.5090, -124.5640, -44.3080

Conversions

Conversions Part 2

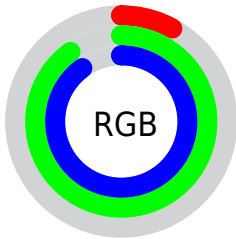
Format	Color
R_{YB}	21, 126, 230
Decimal	1435366
CIE _{Lab}	83.16, -43.91, -12.94
CIE _{LCh}	83, 45.778, 196.422
Yxy	62.4662, 0.2257, 0.3287
Android (android.graphics.Color)	4279625446 (0xFF15E6E6)
YUV	167.5090, 30.8081, -128.4884
Hunter-Lab	79.0356, -41.4485, -8.1841




Details

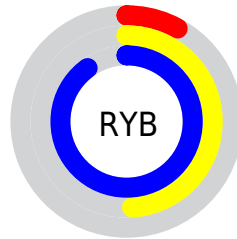
The YUV color **167.5090, 30.8081, -128.4884** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **83.4910, -30.8081, 128.4884**, and the grayscale version is **167.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **214.0370, 20.1948, -84.2244**, and **122.0880, 26.0856, -107.0712** is the 20% darker color. If you saturate the color by 10%, you get **161.2300, 33.9036, -141.3987**, and if you desaturate by 10%, it is **174.3860, 27.4177, -114.3485**.

Distribution







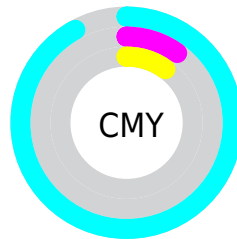
-  Red (8%)
-  Green (90%)
-  Blue (90%)






-  Red (8%)
-  Yellow (49%)
-  Blue (90%)



-  Cyan (91%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (10%)



-  Cyan (92%)
-  Magenta (10%)
-  Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5090, 30.8081, -128.4884 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 167.5090, 30.8081, -128.4884 by changing the saturation by 10% instead.

167.5090, 30.8081,
-128.4884

167.5090, 30.8081,
-128.4884

255.0000, 0.0000,
0.0000

141.6020, 29.7762,
-124.1850

214.0370, 20.1948,
-84.2244

122.0880, 26.0856,
-107.0712

224.2030, 15.1829,
-63.3220

102.5740, 22.3950,
-89.9574

233.7710, 10.4659,
-43.6492

84.3480, 18.5624,
-73.9732

243.6380, 5.6015,
-23.3615

66.2360, 15.1667,
-58.0890

253.2060, 0.8844,
-3.6887

49.5260, 12.0657,
-43.4343

33.4030, 8.6753,

-29.2944

■ 15.1600, 7.3161,
-13.2953

■ 0.3420, 1.3104,
-0.2999

■ 167.5090, 30.8081,
-128.4884

■ 167.5090, 30.8081,
-128.4884

■ 161.2300, 33.9036,
-141.3987

■ 174.3860, 27.4177,
-114.3485

■ 181.2630, 24.0273,
-100.2087

■ 188.1400, 20.6370,
-86.0688

■ 195.0170, 17.2466,
-71.9289

■ 201.8940, 13.8563,
-57.7890

■ 208.7710, 10.4659,
-43.6492

■ 215.6480, 7.0755,
-29.5093

■ 222.5250, 3.6852,
-15.3694

■ 229.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



187.2070, -1.0881, -71.2185



167.5090, 30.8081, -128.4884



161.7320, 45.9811, -141.8390

Triad

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



167.5090, 30.8081, -128.4884



210.8980, 21.7423, 26.3995



205.5960, -40.7198, 40.6963

Complementary

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



167.5090, 30.8081, -128.4884



83.4910, -30.8081, 128.4884

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.



200.4240, -26.3380, 47.8632



167.5090, 30.8081, -128.4884



205.0760, 11.7945, 43.7833

Square

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



167.5090, 30.8081, -128.4884



202.6490, 25.8090, -18.1092



199.4730, -7.1352, 48.6972



201.8540, -38.8750, 8.8980

Rectangle

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



167.5090, 30.8081, -128.4884



181.5210, 36.2251, -92.5419



199.4730, -7.1352, 48.6972



204.2420, -37.0943, 44.5148

Sweetspot

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



167.5090, 30.8081, -128.4884



234.3690, 10.1711, -42.4196



143.6830, -60.4827, -107.5930



115.7410, 6.0437, -25.2059



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.



167.5090, 30.8081, -128.4884



178.7550, 37.5888, -156.7681



106.4610, 60.9047, -74.9493



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Inverse Universe

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



107.3170, 60.4827, 107.5930



105.3150, 73.7947, 131.2737



145.1260, -61.1941, 74.4345



107.9560, 3.4727, 6.1776



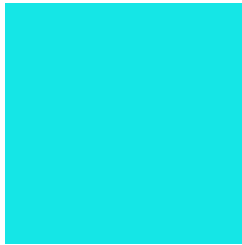
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 167.5090, 30.8081, -128.4884 looks on a white background.

Color Contrast Check

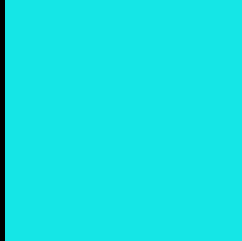
Large Text (above 18pt) WCAG AA × Fail

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 167.5090, 30.8081, -128.4884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

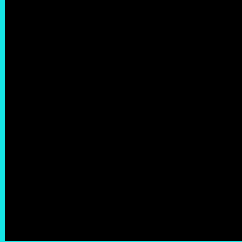
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

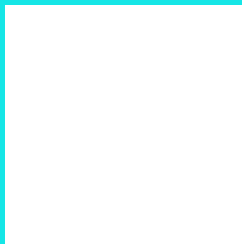
Any Text WCAG AAA ✓ Pass

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

YUV 167.5090, 30.8081, -128.4884 Background



This preview shows how black text looks on a background with the YUV color 167.5090, 30.8081, -128.4884.

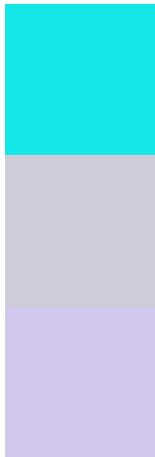


This preview shows how white text looks on a background with the YUV color 167.5090, 30.8081, -128.4884.

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

167.5090, 30.8081, -128.4884

Protanopia

205.7380, 4.0732, 0.2298

Deuteranopia

207.2080, 14.6875, 2.4486



Tritanopia

175.6340, 34.6904, -113.6890

Trichromacy



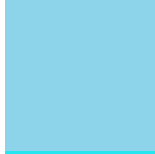
Original Color

167.5090, 30.8081, -128.4884



Protanomaly

191.6720, 13.9657, -46.1933



Deuteranomaly

192.6920, 20.3648, -45.3339



Tritanomaly

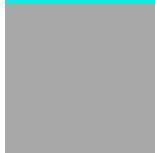
172.8460, 33.1069, -119.1369

Monochromacy



Original Color

167.5090, 30.8081, -128.4884



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.2760, 11.2029, -46.7231

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5090, 30.8081, -128.4884 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, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(21, 230, 230)  
}
```

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, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 230, 230) }
```

Border

The CSS property to change the border of an element to YUV 167.5090, 30.8081, -128.4884 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, 230, 230) }
```


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

```
.border{ border-color:rgb(21, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(21, 230,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 167.5090, 30.8081, -128.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 230, 230) }
```

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

```
.background{ background-color: rgb(21, 230,  
230) }
```

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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