

Converting Colors

YUV(165.8670, 14.3626,
-127.0484)

Have a look what the booklet for
YUV(165.8670, 14.3626, -127.0484)
contains.

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Color

**YUV(165.8670, 14.3626,
-127.0484)**

Conversions

Conversions Part 1

Format	Color
Hex	15EAC3
RGB	21, 234, 195
RGB Percent	8%, 92%, 76%
CMY	0.9176, 0.0824, 0.2353
CMYK	0.91, 0.00, 0.17, 0.08
HSL	169°, 84%, 50%
HSV	169°, 91%, 92%
XYZ	39.5824, 62.9452, 61.6932
YIQ	165.8670, -114.4290, -57.2850

Conversions

Conversions Part 2

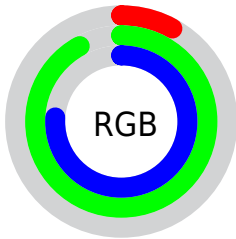
Format	Color
RYB	21, 138, 234
Decimal	1436355
CIELab	83.41, -55.12, 5.91
CIELCh	83, 55.436, 173.884
Yxy	62.9452, 0.2410, 0.3833
Android (android.graphics.Color)	4279626435 (0xFF15EAC3)
YUV	165.8670, 14.3626, -127.0484
Hunter-Lab	79.3380, -49.7864, 9.4327

Details

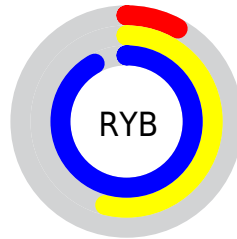
The YUV color **165.8670, 14.3626, -127.0484** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **89.1330, -14.3626, 127.0484**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7980, 19.3266, -85.7688**, and **119.9730, 10.3663, -105.2163** is the 20% darker color. If you saturate the color by 10%, you get **159.1320, 15.7109, -139.5588**, and if you desaturate by 10%, it is **173.2000, 12.7194, -113.3084**.

Distribution



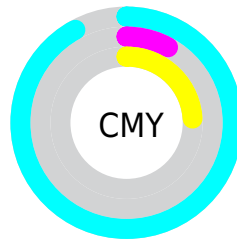
- Red (8%)
- Green (92%)
- Blue (76%)



- Red (8%)
- Yellow (54%)
- Blue (92%)



- Cyan (91%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)



- Cyan (92%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8670, 14.3626, -127.0484 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 165.8670, 14.3626, -127.0484 by changing the saturation by 10% instead.

165.8670, 14.3626,
-127.0484

165.8670, 14.3626,
-127.0484

255.0000, 0.0000,
0.0000

139.4870, 14.0569,
-122.3301

212.7980, 19.3266,
-85.7688

119.9730, 10.3663,
-105.2163

223.3060, 15.6251,
-65.1664

101.2740, 7.2599,
-88.8173

232.8740, 10.9081,
-45.4935

82.5750, 4.1535,
-72.4183

242.4420, 6.1911,
-25.8206

64.6910, 1.6313,
-56.7340

252.0100, 1.4741,
-6.1478

46.9210, -0.4541,
-41.1497

31.6130, -3.2602,

-27.7246

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 165.8670, 14.3626,
-127.0484

■ 165.8670, 14.3626,
-127.0484

■ 159.1320, 15.7109,
-139.5588

■ 173.2000, 12.7194,
-113.3084

■ 180.9460, 11.3656,
-99.0536

■ 188.2790, 9.7225,
-85.3137

■ 195.9110, 7.9319,
-70.9589

■ 203.2440, 6.2887,
-57.2190

■ 210.6910, 5.0823,
-43.5790

■ 218.3230, 3.2918,
-29.2243

■ 225.6560, 1.6486,
-15.4843

■ 233.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



190.6170, -22.9822, -48.7761



165.8670, 14.3626, -127.0484



165.6300, 40.6084, -145.2575

Triad

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



165.8670, 14.3626, -127.0484



203.6010, 25.3397, -7.5431



197.3290, -35.6582, 50.5775

Complementary

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



165.8670, 14.3626, -127.0484



89.1330, -14.3626, 127.0484

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.



193.4260, -12.5350, 54.0004



165.8670, 14.3626, -127.0484



209.8010, 22.2831, 39.6395

Square

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



165.8670, 14.3626, -127.0484



183.3590, 35.3190, -81.8758



198.8810, 10.9047, 49.2164



204.0660, -50.3185, 39.4071

Rectangle

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



165.8670, 14.3626, -127.0484



164.6670, 44.5342, -144.4130



198.8810, 10.9047, 49.2164



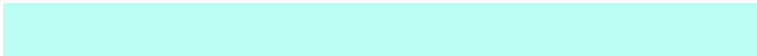
195.2890, -28.2435, 52.3665

Sweetspot

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



165.8670, 14.3626, -127.0484



232.8870, 4.4927, -41.1199



157.6920, -67.3892, -85.6759



114.8290, 2.5493, -24.4060



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.



165.8670, 14.3626, -127.0484



173.3970, 17.0593, -152.0692



130.9840, 50.7869, -96.4560



113.4830, 0.7479, -6.5626



123.1190, 12.2663, -107.9754



36.7140, 3.5920, -32.1982

Inverse Universe

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



89.1330, -14.3626, 127.0484



81.6030, -17.0593, 152.0692



124.0160, -50.7869, 96.4560



109.5170, -0.7479, 6.5626



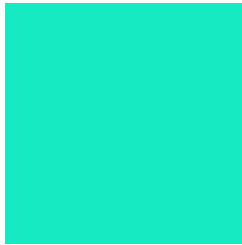
57.8810, -12.2663, 107.9754



17.2860, -3.5920, 32.1982

Previews

White Background



This preview shows how the YUV color 165.8670, 14.3626, -127.0484 looks on a white background.

Color Contrast Check

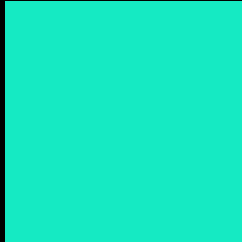
Large Text (above 18pt) WCAG AA × Fail

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 165.8670, 14.3626, -127.0484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

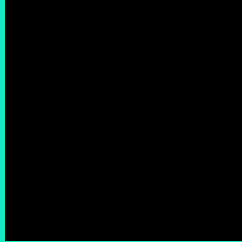
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

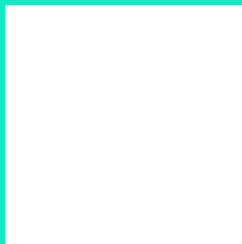
Any Text WCAG AAA ✓ Pass

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

YUV 165.8670, 14.3626, -127.0484 Background



This preview shows how black text looks on a background with the YUV color 165.8670, 14.3626, -127.0484.



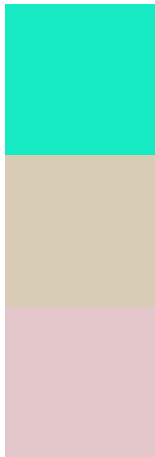
This preview shows how white text looks on a background with the YUV color 165.8670, 14.3626, -127.0484.

-127.0484.

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

165.8670, 14.3626, -127.0484

Protanopia

205.4390, -12.5414, 9.2620

Deuteranopia

207.8280, -2.3802, 16.8138



Tritanopia

182.1090, 31.0053, -98.3196

Trichromacy



Original Color

165.8670, 14.3626, -127.0484



Protanomaly

191.2370, -3.0748, -40.5498



Deuteranomaly

192.6920, 3.6028, -35.6869



Tritanomaly

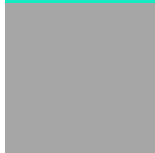
176.4360, 24.9281, -109.1304

Monochromacy



Original Color

165.8670, 14.3626, -127.0484



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.0820, 5.3826, -46.5529

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8670, 14.3626, -127.0484 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, 234, 195)` looks like.

```
.text, #text, p{  
    color:rgb(21, 234, 195)  
}
```

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, 234, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 234, 195) }
```

Border

The CSS property to change the border of an element to YUV 165.8670, 14.3626, -127.0484 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, 234, 195) }
```


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

```
.border{ border-color:rgb(21, 234, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 234, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 234, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 234, 195);  
box-shadow:4px 4px 4px 4px rgb(21, 234,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 165.8670, 14.3626, -127.0484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 234, 195) }
```

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

```
.background{ background-color: rgb(21, 234,  
195) }
```

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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