

Converting Colors

YUV(177.0670, 14.2640,
-142.1328)

Have a look what the booklet for
YUV(177.0670, 14.2640, -142.1328)
contains.

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Color

**YUV(177.0670, 14.2640,
-142.1328)**

Conversions

Conversions Part 1

Format	Color
Hex	0FFECE
RGB	15, 254, 206
RGB Percent	6%, 100%, 81%
CMY	0.9412, 0.0039, 0.1922
CMYK	0.94, 0.00, 0.19, 0.00
HSL	168°, 99%, 53%
HSV	168°, 94%, 100%
XYZ	46.7794, 75.4414, 70.4886
YIQ	177.0670, -127.0360, -65.5960

Conversions

Conversions Part 2

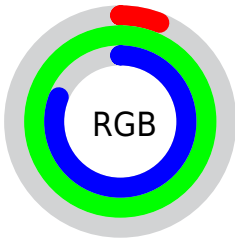
Format	Color
R _Y B	15, 148, 254
Decimal	1048270
CIE Lab	89.60, -60.40, 9.05
CIE LCh	90, 61.076, 171.476
Yxy	75.4414, 0.2427, 0.3915
Android (android.graphics.Color)	4279238350 (0xFF0FFECE)
YUV	177.0670, 14.2640, -142.1328
Hunter-Lab	86.8570, -55.8634, 12.6832

Details

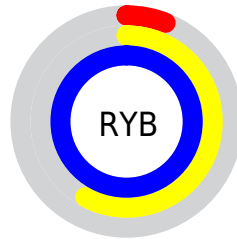
The YUV color **177.0670, 14.2640, -142.1328** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **91.9330, -14.2640, 142.1328**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3360, 20.0474, -83.6097**, and **132.3800, 9.6727, -116.0973** is the 20% darker color. If you saturate the color by 10%, you get **172.2400, 15.1647, -151.0545**, and if you desaturate by 10%, it is **185.1120, 12.7628, -127.2632**.

Distribution



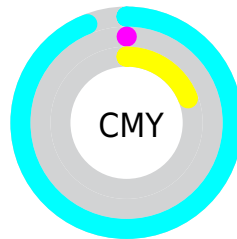
- Red (6%)
- Green (100%)
- Blue (81%)



- Red (6%)
- Yellow (58%)
- Blue (100%)



- Cyan (94%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (94%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.0670, 14.2640, -142.1328 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 177.0670, 14.2640, -142.1328 by changing the saturation by 10% instead.

177.0670, 14.2640,
-142.1328

177.0670, 14.2640,
-142.1328

255.0000, 0.0000,
0.0000

152.4810, 13.0739,
-133.7258

214.3360, 20.0474,
-83.6097

132.3800, 9.6727,
-116.0973

224.8010, 14.8881,
-62.0925

112.9800, 6.4189,
-99.0835

234.6680, 10.0237,
-41.8048

94.2810, 3.3125,
-82.6844

244.2360, 5.3067,
-22.1320

75.6960, 0.6429,
-66.3854

253.8040, 0.5896,
-2.4591

57.8120, -1.8793,
-50.7011

40.7430, -3.8173,

-35.7316

■ 24.1470, -6.4815,
-21.1769

■ 0.0000, 0.0000,
0.0000

■ 177.0670, 14.2640,
-142.1328

■ 177.0670, 14.2640,
-142.1328

■ 172.2400, 15.1647,
-151.0545

■ 185.1120, 12.7628,
-127.2632

■ 193.4560, 11.1142,
-111.7789

■ 201.5010, 9.6130,
-96.9094

■ 209.8450, 7.9644,
-81.4251

■ 218.0040, 6.9000,
-66.6555

■ 226.0490, 5.3988,
-51.7860

■ 234.3930, 3.7503,
-36.3017

■ 242.4380, 2.2491,
-21.4321

■ 250.7820, 0.6005,
-5.9478

Harmonies

Analogous

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



206.9390, -28.0709, -49.9355



177.0670, 14.2640, -142.1328



178.7550, 37.5888, -156.7681

Triad

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



177.0670, 14.2640, -142.1328



216.5590, 18.9514, -11.8912



206.2140, -34.6155, 42.7853

Complementary

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



177.0670, 14.2640, -142.1328



91.9330, -14.2640, 142.1328

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.



202.5220, -8.1453, 46.0232



177.0670, 14.2640, -142.1328



219.1930, 17.6529, 31.4027

Square

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



177.0670, 14.2640, -142.1328



188.5320, 32.7687, -103.9526



208.5470, 17.4783, 40.7393



215.2350, -53.3599, 34.8739

Rectangle

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



177.0670, 14.2640, -142.1328



176.9940, 38.4570, -155.2237



208.5470, 17.4783, 40.7393



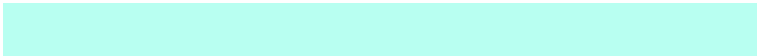
203.8150, -26.0378, 44.8892

Sweetspot

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



177.0670, 14.2640, -142.1328



232.1750, 4.3507, -42.2495



170.8410, -76.8296, -91.0686



113.8180, 2.5547, -26.1504



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

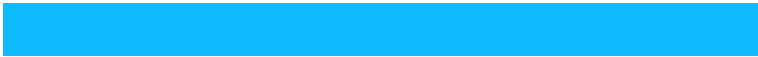
The Same Dimension uses a secret algorithm to generate beautiful new colors.



177.0670, 14.2640, -142.1328



172.9410, 15.3121, -151.6693



142.6230, 54.9089, -111.9254



123.7710, 0.6059, -7.6922



129.5590, 11.5564, -113.6232



43.3820, 3.7557, -38.0460

Inverse Universe

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



91.9330, -14.2640, 142.1328



82.0590, -15.3121, 151.6693



126.3770, -54.9089, 111.9254



119.1150, -1.0427, 7.7921



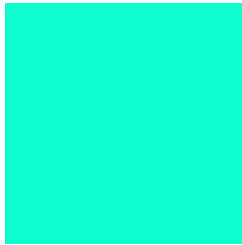
61.4410, -11.5564, 113.6232



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 177.0670, 14.2640, -142.1328 looks on a white background.

Color Contrast Check

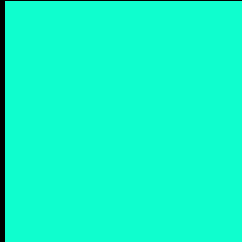
Large Text (above 18pt) WCAG AA × Fail

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 177.0670, 14.2640, -142.1328 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 177.0670, 14.2640, -142.1328 Background



This preview shows how black text looks on a background with the YUV color 177.0670, 14.2640, -142.1328.



This preview shows how white text looks on a background with the YUV color 177.0670, 14.2640, -142.1328.

Color Blindness Simulation

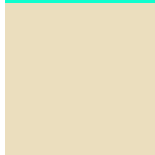
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

177.0670, 14.2640, -142.1328



Protanopia

222.2390, -15.8938, 11.1914



Deuteranopia

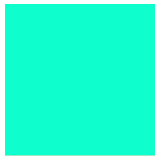
225.3400, -5.5906, 19.8728



Tritanopia

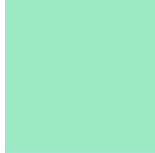
210.9130, 21.7349, -64.8217

Trichromacy



Original Color

177.0670, 14.2640, -142.1328



Protanomaly

206.0470, -4.9532, -44.7682



Deuteranomaly

207.8010, 1.5771, -39.2905



Tritanomaly

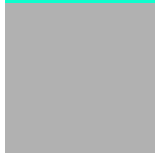
198.6400, 18.9115, -92.6463

Monochromacy



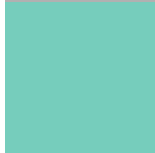
Original Color

177.0670, 14.2640, -142.1328



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

177.0490, 5.3988, -51.7860

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.0670, 14.2640, -142.1328 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(15, 254, 206)` looks like.

```
.text, #text, p{  
    color:rgb(15, 254, 206)  
}
```

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(15, 254, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 254, 206) }
```

Border

The CSS property to change the border of an element to YUV 177.0670, 14.2640, -142.1328 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(15, 254, 206) }
```


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

```
.border{ border-color:rgb(15, 254, 206) }
```

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

Here you see how a box with a 4 pixel rgb(15, 254, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 254, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 254, 206);  
box-shadow:4px 4px 4px 4px rgb(15, 254,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 177.0670, 14.2640, -142.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 254, 206) }
```

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

```
.background{ background-color: rgb(15, 254,  
206) }
```

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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