

Converting Colors

YUV(177.0130, 12.8116,
-142.9624)

Have a look what the booklet for
YUV(177.0130, 12.8116, -142.9624)
contains.

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Color

**YUV(177.0130, 12.8116,
-142.9624)**

Conversions

Conversions Part 1

Format	Color
Hex	0EFFCB
RGB	14, 255, 203
RGB Percent	5%, 100%, 80%
CMY	0.9451, 0.0000, 0.2039
CMYK	0.95, 0.00, 0.20, 0.00
HSL	167°, 100%, 53%
HSV	167°, 95%, 100%
XYZ	46.7206, 75.9252, 68.6925
YIQ	177.0130, -126.9440, -67.2640

Conversions

Conversions Part 2

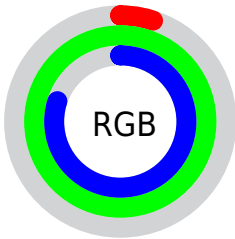
Format	Color
RYB	14, 149, 255
Decimal	982987
CIELab	89.82, -61.54, 10.92
CIELCh	90, 62.500, 169.934
Yxy	75.9252, 0.2442, 0.3968
Android (android.graphics.Color)	4279173067 (0xFF0EFCB)
YUV	177.0130, 12.8116, -142.9624
Hunter-Lab	87.1350, -56.7771, 14.2535

Details

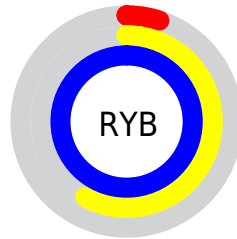
The YUV color **177.0130, 12.8116, -142.9624** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **91.9870, -12.8116, 142.9624**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3360, 20.0474, -83.6097**, and **132.6250, 8.0729, -116.3121** is the 20% darker color. If you saturate the color by 10%, you get **172.4850, 13.5649, -151.2693**, and if you desaturate by 10%, it is **185.4710, 11.5998, -127.5781**.

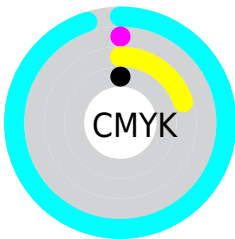
Distribution



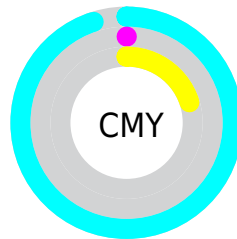
- Red (5%)
- Green (100%)
- Blue (80%)



- Red (5%)
- Yellow (58%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.0130, 12.8116, -142.9624 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 177.0130, 12.8116, -142.9624 by changing the saturation by 10% instead.

177.0130, 12.8116,
-142.9624

177.0130, 12.8116,
-142.9624

255.0000, 0.0000,
0.0000

152.7260, 11.4741,
-133.9407

214.3360, 20.0474,
-83.6097

132.6250, 8.0729,
-116.3121

224.5020, 15.0355,
-62.7073

113.2250, 4.8191,
-99.2983

234.6680, 10.0237,
-41.8048

93.9390, 2.0021,
-82.3845

244.2360, 5.3067,
-22.1320

75.9410, -0.9569,
-66.6003

253.8040, 0.5896,
-2.4591

58.1710, -3.0423,
-51.0160

40.4010, -5.1277,

-35.4317

■ 24.2780, -8.5181,
-21.2918

■ 0.0000, 0.0000,
0.0000

■ 177.0130, 12.8116,
-142.9624

■ 177.0130, 12.8116,
-142.9624

■ 172.4850, 13.5649,
-151.2693

■ 185.4710, 11.5998,
-127.5781

■ 193.5160, 10.0986,
-112.7085

■ 201.9740, 8.8868,
-97.3242

■ 210.0190, 7.3856,
-82.4547

■ 218.4770, 6.1738,
-67.0703

■ 226.5220, 4.6727,
-52.2008

■ 234.9800, 3.4609,
-36.8165

■ 243.0250, 1.9597,
-21.9469

■ 251.4830, 0.7479,
-6.5626

Harmonies

Analogous

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



207.6680, -30.4023, -48.8208



177.0130, 12.8116, -142.9624



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.



177.0130, 12.8116, -142.9624



216.2380, 19.1097, -15.9947



205.6270, -34.3261, 43.3001

Complementary

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



177.0130, 12.8116, -142.9624



91.9870, -12.8116, 142.9624

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.



201.5760, -6.6930, 46.8528



177.0130, 12.8116, -142.9624



219.7800, 17.3635, 30.8879

Square

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



177.0130, 12.8116, -142.9624



180.7360, 36.6122, -123.4255



209.1170, 19.6623, 40.2394



215.0070, -54.2335, 35.0739

Rectangle

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



177.0130, 12.8116, -142.9624



177.5810, 38.1676, -155.7385



209.1170, 19.6623, 40.2394



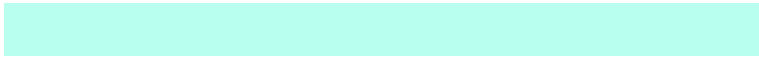
203.3420, -25.3116, 45.3041

Sweetspot

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



177.0130, 12.8116, -142.9624



232.0610, 3.9139, -42.1495



171.0150, -77.4084, -92.0982



113.7040, 2.1179, -26.0504



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.



177.0130, 12.8116, -142.9624



172.4850, 13.5649, -151.2693



143.0250, 55.2037, -113.1549



123.7710, 0.6059, -7.6922



129.2170, 10.2460, -113.3233



43.2680, 3.3189, -37.9460

Inverse Universe

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



91.9870, -12.8116, 142.9624



82.5150, -13.5649, 151.2693



125.9750, -55.2037, 113.1549



119.2290, -0.6059, 7.6922



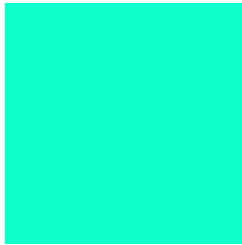
61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 177.0130, 12.8116, -142.9624 looks on a white background.

Color Contrast Check

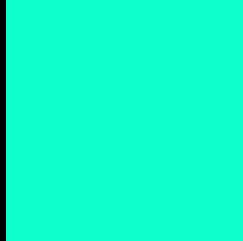
Large Text (above 18pt) WCAG AA × Fail

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 177.0130, 12.8116, -142.9624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

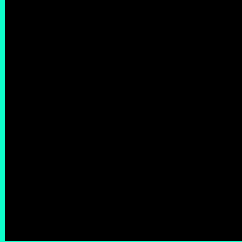
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

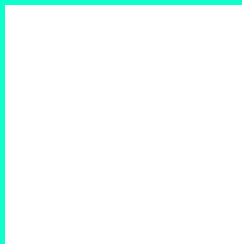
Any Text WCAG AAA ✓ Pass

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

YUV 177.0130, 12.8116, -142.9624 Background



This preview shows how black text looks on a background with the YUV color 177.0130, 12.8116, -142.9624.



This preview shows how white text looks on a background with the YUV color 177.0130, 12.8116, -142.9624.

-142.9624.

Color Blindness Simulation

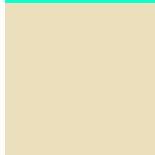
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



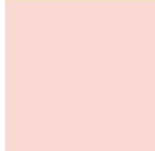
Original Color

177.0130, 12.8116, -142.9624



Protanopia

222.7830, -17.6410, 11.5913



Deuteranopia

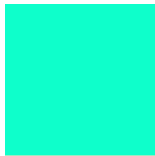
225.7100, -6.7590, 21.3023



Tritanopia

211.8100, 21.2927, -62.9774

Trichromacy



Original Color

177.0130, 12.8116, -142.9624



Protanomaly

206.2920, -6.5530, -44.9831



Deuteranomaly

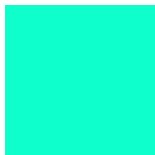
207.8720, 0.5561, -38.4757



Tritanomaly

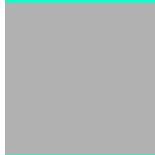
198.8250, 18.3273, -91.9315

Monochromacy



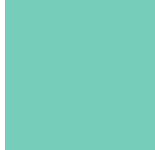
Original Color

177.0130, 12.8116, -142.9624



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.8210, 4.5252, -51.5860

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.0130, 12.8116, -142.9624 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(14, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(14, 255, 203)  
}
```

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(14, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 255, 203) }
```

Border

The CSS property to change the border of an element to YUV 177.0130, 12.8116, -142.9624 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(14, 255, 203) }
```


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

```
.border{ border-color:rgb(14, 255, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(14, 255,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 177.0130, 12.8116, -142.9624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 255, 203) }
```

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

```
.background{ background-color: rgb(14, 255,  
203) }
```

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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