

Converting Colors

YUV(130.8370, 46.9154,
-114.7440)

Have a look what the booklet for
YUV(130.8370, 46.9154, -114.7440)
contains.

YUV(130.8370, 46.9154, -114.7440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(130.8370, 46.9154,
-114.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	00B3E2
RGB	0, 179, 226
RGB Percent	0%, 70%, 89%
CMY	1.0000, 0.2980, 0.1137
CMYK	1.00, 0.21, 0.00, 0.11
HSL	192°, 100%, 44%
HSV	192°, 100%, 89%
XYZ	29.8476, 37.7312, 77.6612
YIQ	130.8370, -121.7710, -23.3310

Conversions

Conversions Part 2

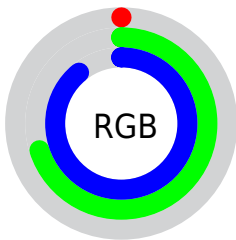
Format	Color
RYB	0, 100, 226
Decimal	46050
CIELab	67.82, -21.45, -34.17
CIELCh	68, 40.346, 237.888
Yxy	37.7312, 0.2055, 0.2598
Android (android.graphics.Color)	4278236130 (0xFF00B3E2)
YUV	130.8370, 46.9154, -114.7440
Hunter-Lab	61.4257, -20.7595, -31.9630

Details

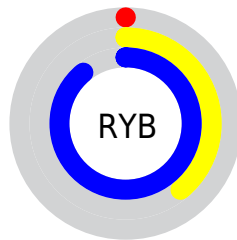
The YUV color **130.8370, 46.9154, -114.7440** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **95.1630, -46.9154, 114.7440**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0080, 27.6041, -80.6910**, and **93.3420, 37.7924, -81.8609** is the 20% darker color. If you saturate the color by 10%, you get **130.8370, 46.9154, -114.7440**, and if you desaturate by 10%, it is **140.6490, 42.0780, -103.1782**.

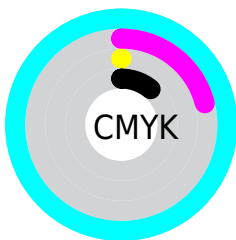
Distribution



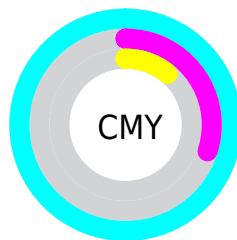
- Red (0%)
- Green (70%)
- Blue (89%)



- Red (0%)
- Yellow (39%)
- Blue (89%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.8370, 46.9154, -114.7440 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 130.8370, 46.9154, -114.7440 by changing the saturation by 10% instead.

130.8370, 46.9154,
-114.7440

130.8370, 46.9154,
-114.7440

255.0000, 0.0000,
0.0000

111.7960, 42.4986,
-98.0451

199.0080, 27.6041,
-80.6910

93.3420, 37.7924,
-81.8609

220.6150, 16.9518,
-70.6994

75.7030, 33.6704,
-66.3915

230.1830, 12.2348,
-51.0265

58.6510, 29.2591,
-51.4369

239.4520, 7.6652,
-31.9684

42.3000, 24.9951,
-37.0971

249.0200, 2.9481,
-12.2955

27.8240, 20.2998,
-24.4016

7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 130.8370, 46.9154,
-114.7440

■ 140.6490, 42.0780,
-103.1782

■ 149.5750, 37.6775,
-91.7123

■ 159.3870, 32.8402,
-80.1464

■ 168.9000, 28.1503,
-69.1953

■ 178.1250, 23.6024,
-57.1146

■ 187.9370, 18.7651,
-45.5487

■ 197.4500, 14.0752,
-34.5976

■ 207.2620, 9.2378,
-23.0318

■ 216.1880, 4.8373,
-11.5659

Harmonies

Analogous

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



130.5800, 33.2381, -114.5187



130.8370, 46.9154, -114.7440



158.0180, 39.4311, -47.3738

Triad

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



130.8370, 46.9154, -114.7440



168.4660, 0.2633, 55.7193



158.8830, -29.5223, -4.2824

Complementary

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



130.8370, 46.9154, -114.7440



95.1630, -46.9154, 114.7440

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.



162.6910, -34.8507, 24.8270



130.8370, 46.9154, -114.7440



166.7210, -16.6245, 59.0037

Square

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



130.8370, 46.9154, -114.7440



169.9760, 16.7738, 33.3470



164.9140, -29.5376, 47.4334



153.3870, -13.9948, -38.0504

Rectangle

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



130.8370, 46.9154, -114.7440



165.1360, 33.9500, -15.9053



164.9140, -29.5376, 47.4334



160.4390, -32.7544, 5.7540

Sweetspot

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



130.8370, 46.9154, -114.7440



222.8840, 15.8332, -38.4863



137.7920, -45.7465, -120.8436



108.3760, 9.6746, -23.1318



0.0000, 0.0000, 0.0000



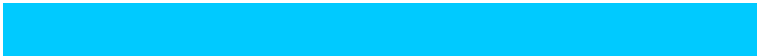
128.0000, 0.0000, 0.0000

Same Dimension

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



130.8370, 46.9154, -114.7440



147.6440, 52.9265, -129.4838



65.6800, 79.0378, -57.6014



107.5370, 2.2003, -5.7329



101.6570, 36.6511, -89.1532



27.7780, 9.9694, -24.3613

Inverse Universe

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



87.9800, 44.8729, 121.0435



99.2730, 50.6444, 136.5726



160.3200, -79.0378, 57.6014



105.3150, 2.3097, 5.8627



68.4700, 34.7713, 94.3038



18.6840, 9.5228, 25.7101

Previews

White Background



This preview shows how the YUV color 130.8370, 46.9154, -114.7440 looks on a white background.

Color Contrast Check

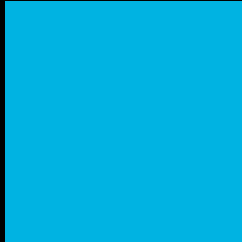
Large Text (above 18pt) WCAG AA × Fail

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 130.8370, 46.9154, -114.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

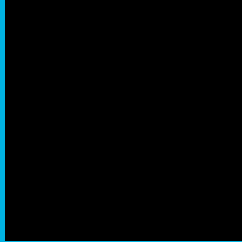
Any Text WCAG AA ✓ Pass

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 130.8370, 46.9154, -114.7440 Background



This preview shows how black text looks on a background with the YUV color 130.8370, 46.9154, -114.7440.

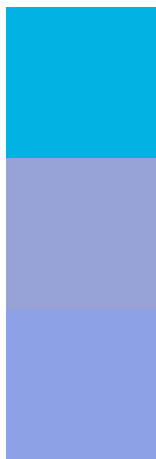


This preview shows how white text looks on a background with the YUV color 130.8370, 46.9154, -114.7440.

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

130.8370, 46.9154, -114.7440

Protanopia

164.5250, 23.8982, -11.8614

Deuteranopia

163.4730, 32.7978, -19.7088



Tritanopia

129.8790, 33.0907, -113.9039

Trichromacy



Original Color

130.8370, 46.9154, -114.7440

Protanomaly

152.1720, 32.4532, -49.2628

Deuteranomaly

151.6320, 38.1424, -54.0513

Tritanomaly

130.5460, 38.1848, -114.4888

Monochromacy



Original Color

130.8370, 46.9154, -114.7440

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.6170, 17.4438, -41.7601

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.8370, 46.9154, -114.7440 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(0, 179, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 179, 226)  
}
```

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(0, 179, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 179, 226) }
```

Border

The CSS property to change the border of an element to YUV 130.8370, 46.9154, -114.7440 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(0, 179, 226) }
```


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

```
.border{ border-color:rgb(0, 179, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 179, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 179, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 179, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 179,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 130.8370, 46.9154, -114.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 179, 226) }
```

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

```
.background{ background-color: rgb(0, 179,  
226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor