

Converting Colors

YUV(130.5120, 43.1316,
-114.4590)

Have a look what the booklet for
YUV(130.5120, 43.1316, -114.4590)
contains.

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Color

**YUV(130.5120, 43.1316,
-114.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	00B4DA
RGB	0, 180, 218
RGB Percent	0%, 71%, 85%
CMY	1.0000, 0.2941, 0.1451
CMYK	1.00, 0.17, 0.00, 0.15
HSL	190°, 100%, 43%
HSV	190°, 100%, 85%
XYZ	28.9761, 37.7045, 72.0802
YIQ	130.5120, -119.4780, -26.3420

Conversions

Conversions Part 2

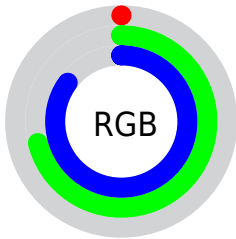
Format	Color
R _{YB}	0, 99, 218
Decimal	46298
CIE Lab	67.80, -24.70, -29.82
CIE LCh	68, 38.723, 230.363
Yxy	37.7045, 0.2088, 0.2717
Android (android.graphics.Color)	4278236378 (0xFF00B4DA)
YUV	130.5120, 43.1316, -114.4590
Hunter-Lab	61.4040, -23.2239, -26.6159

Details

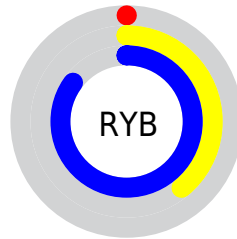
The YUV color **130.5120, 43.1316, -114.4590** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **87.4880, -43.1316, 114.4590**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.9970, 27.6095, -82.4354**, and **93.1310, 34.4454, -81.6759** is the 20% darker color. If you saturate the color by 10%, you get **130.5120, 43.1316, -114.4590**, and if you desaturate by 10%, it is **139.4380, 38.7311, -102.9931**.

Distribution



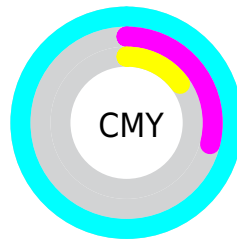
- Red (0%)
- Green (71%)
- Blue (85%)



- Red (0%)
- Yellow (39%)
- Blue (85%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.5120, 43.1316, -114.4590 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 130.5120, 43.1316, -114.4590 by changing the saturation by 10% instead.

■ 130.5120, 43.1316,
-114.4590

■ 130.5120, 43.1316,
-114.4590

■ 255.0000, 0.0000,
0.0000

■ 111.4710, 38.7148,
-97.7601

■ 198.9970, 27.6095,
-82.4354

■ 93.1310, 34.4454,
-81.6759

■ 220.0170, 17.2466,
-71.9289

■ 75.4920, 30.3234,
-66.2065

■ 229.5850, 12.5296,
-52.2560

■ 57.8530, 26.2015,
-50.7371

■ 238.8540, 7.9600,
-33.1980

■ 41.5020, 21.9375,
-36.3973

■ 248.4220, 3.2430,
-13.5251

■ 27.1400, 17.6790,
-23.8018

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 130.5120, 43.1316,
-114.4590

■ 139.4380, 38.7311,
-102.9931

■ 148.3640, 34.3305,
-91.5272

■ 156.4040, 30.3668,
-80.1613

■ 165.3300, 25.9663,
-68.6954

■ 174.2560, 21.5658,
-57.2295

■ 183.1820, 17.1653,
-45.7636

■ 192.1080, 12.7648,
-34.2977

■ 200.1480, 8.8010,
-22.9318

■ 209.0740, 4.4005,
-11.4659

Harmonies

Analogous

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



129.4400, 28.8701, -113.5189



130.5120, 43.1316, -114.4590



155.0340, 38.4372, -55.2808

Triad

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



130.5120, 43.1316, -114.4590



169.4590, 4.2107, 49.5865



160.5850, -30.8544, 2.9950

Complementary

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



130.5120, 43.1316, -114.4590



87.4880, -43.1316, 114.4590

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.



163.4790, -33.2671, 30.2749



130.5120, 43.1316, -114.4590



167.5620, -12.1091, 57.3891

Square

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



130.5120, 43.1316, -114.4590



170.0180, 19.7111, 24.5402



165.8480, -26.0541, 50.1223



155.7150, -18.1005, -27.8141

Rectangle

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



130.5120, 43.1316, -114.4590



163.5970, 34.7087, -25.9566



165.8480, -26.0541, 50.1223



161.4830, -32.7761, 12.7314

Sweetspot

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



130.5120, 43.1316, -114.4590



224.6450, 14.9650, -40.0307



132.0700, -47.3625, -115.8254



108.9630, 9.3852, -23.6466



0.0000, 0.0000, 0.0000



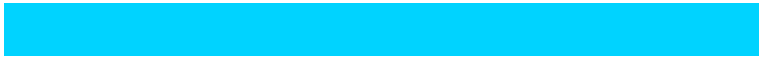
128.0000, 0.0000, 0.0000

Same Dimension

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



130.5120, 43.1316, -114.4590



152.9270, 50.3220, -134.1170



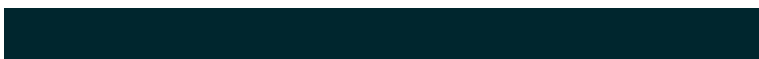
67.7030, 74.0964, -59.3755



105.5370, 2.2003, -5.7329



103.6630, 34.1831, -90.9125



27.5500, 9.0959, -24.1613

Inverse Universe

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



85.7020, 46.4889, 116.0253



100.2990, 54.5756, 135.6728



150.2970, -74.0964, 59.3755



103.3150, 2.3097, 5.8627



68.0290, 36.9607, 92.0596



18.0860, 9.8176, 24.4806

Previews

White Background



This preview shows how the YUV color 130.5120, 43.1316, -114.4590 looks on a white background.

Color Contrast Check

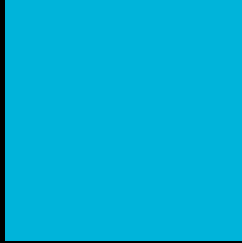
Large Text (above 18pt) WCAG AA × Fail

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 130.5120, 43.1316, -114.4590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

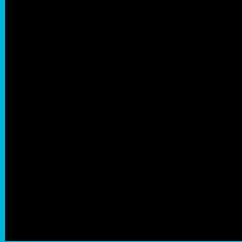
Any Text WCAG AA ✓ Pass

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 130.5120, 43.1316, -114.4590 Background



This preview shows how black text looks on a background with the YUV color 130.5120, 43.1316, -114.4590.

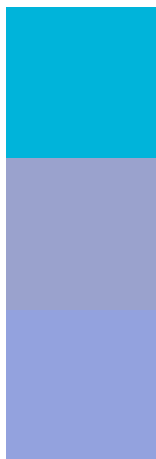


This preview shows how white text looks on a background with the YUV color 130.5120, 43.1316, -114.4590.

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

130.5120, 43.1316, -114.4590

Protanopia

164.5100, 19.9616, -9.2173

Deuteranopia

164.3550, 28.4190, -15.2203



Tritanopia

129.8790, 33.0907, -113.9039

Trichromacy



Original Color

130.5120, 43.1316, -114.4590



Protanomaly

152.4450, 28.3746, -47.7483



Deuteranomaly

152.5030, 33.7690, -51.3071



Tritanomaly

130.2040, 36.8744, -114.1889

Monochromacy



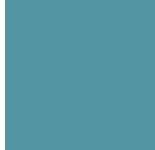
Original Color

130.5120, 43.1316, -114.4590



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.8620, 15.8440, -41.9750

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.5120, 43.1316, -114.4590 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, 180, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 180, 218)  
}
```

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, 180, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 180, 218) }
```

Border

The CSS property to change the border of an element to YUV 130.5120, 43.1316, -114.4590 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, 180, 218) }
```


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

```
.border{ border-color:rgb(0, 180, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 180, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 180, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 180, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 180,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 130.5120, 43.1316, -114.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 180, 218) }
```

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

```
.background{ background-color: rgb(0, 180,  
218) }
```

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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