

Converting Colors

YUV(130.2260, 16.6506,
-114.2082)

Have a look what the booklet for
YUV(130.2260, 16.6506, -114.2082)
contains.

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Color

**YUV(130.2260, 16.6506,
-114.2082)**

Conversions

Conversions Part 1

Format	Color
Hex	00BEA4
RGB	0, 190, 164
RGB Percent	0%, 75%, 64%
CMY	1.0000, 0.2549, 0.3569
CMYK	1.00, 0.00, 0.14, 0.25
HSL	172°, 100%, 37%
HSV	172°, 100%, 75%
XYZ	25.1143, 39.5072, 41.4240
YIQ	130.2260, -104.8940, -48.3660

Conversions

Conversions Part 2

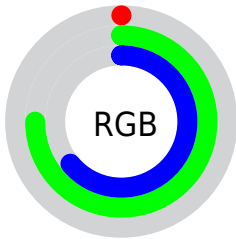
Format	Color
RYB	0, 102, 190
Decimal	48804
CIELab	69.12, -46.04, 1.83
CIELCh	69, 46.074, 177.719
Yxy	39.5072, 0.2368, 0.3725
Android (android.graphics.Color)	4278238884 (0xFF00BEA4)
YUV	130.2260, 16.6506, -114.2082
Hunter-Lab	62.8548, -38.6743, 4.9237

Details

The YUV color **130.2260, 16.6506, -114.2082** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **59.7740, -16.6506, 114.2082**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8550, 9.4385, -87.5728**, and **92.6000, 9.5642, -81.2102** is the 20% darker color. If you saturate the color by 10%, you get **130.2260, 16.6506, -114.2082**, and if you desaturate by 10%, it is **136.2490, 15.1602, -102.8274**.

Distribution



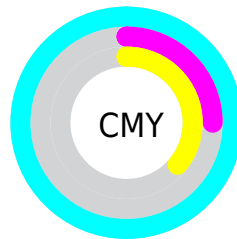
- Red (0%)
- Green (75%)
- Blue (64%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.2260, 16.6506, -114.2082 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 130.2260, 16.6506, -114.2082 by changing the saturation by 10% instead.

■ 130.2260, 16.6506,
-114.2082

■ 130.2260, 16.6506,
-114.2082

■ 255.0000, 0.0000,
0.0000

■ 110.8260, 13.3968,
-97.1944

■ 199.8550, 9.4385,
-87.5728

■ 92.6000, 9.5642,
-81.2102

■ 217.3110, 14.6367,
-74.8177

■ 74.0150, 6.8946,
-64.9112

■ 227.4920, 13.5614,
-56.5595

■ 56.7180, 4.0830,
-49.7417

■ 236.4620, 9.1392,
-38.1162

■ 40.1220, 1.4189,
-35.1870

■ 245.7310, 4.5696,
-19.0581

■ 24.8140, -1.3873,
-21.7619

■ 0.0000, 0.0000,

■ 130.2260, 16.6506,
-114.2082

■ 136.2490, 15.1602,
-102.8274

■ 142.1580, 13.2331,
-91.3466

■ 148.1810, 11.7428,
-79.9657

■ 154.0900, 9.8156,
-68.4849

■ 160.1130, 8.3253,
-57.1041

■ 166.1360, 6.8350,
-45.7233

■ 172.0450, 4.9078,
-34.2425

■ 178.0680, 3.4175,
-22.8616

■ 183.9770, 1.4903,
-11.3808

Harmonies

Analogous

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



154.3000, -15.4309, -44.1131



130.2260, 16.6506, -114.2082



135.0140, 34.9961, -118.4073

Triad

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



130.2260, 16.6506, -114.2082



170.9680, 35.5118, -3.4799



167.8070, -33.9219, 53.6663

Complementary

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



130.2260, 16.6506, -114.2082



59.7740, -16.6506, 114.2082

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.



169.9070, -18.6882, 67.6106



130.2260, 16.6506, -114.2082



174.1060, 19.6677, 38.4950

Square

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



130.2260, 16.6506, -114.2082



158.0750, 46.3050, -58.8248



172.0370, 0.9678, 63.1116



165.3340, -40.0977, 27.7711

Rectangle

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



130.2260, 16.6506, -114.2082



135.8750, 45.9106, -119.1624



172.0370, 0.9678, 63.1116



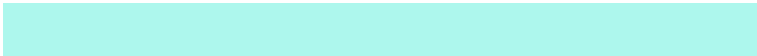
168.4040, -29.2862, 60.1587

Sweetspot

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



130.2260, 16.6506, -114.2082



223.7340, 6.5401, -44.4937



119.9020, -59.1117, -80.5981



110.8610, 4.0125, -27.0651



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



130.2260, 16.6506, -114.2082



169.3850, 21.9952, -148.5506



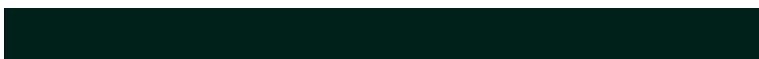
93.8610, 47.3965, -82.3161



91.1950, 0.8899, -5.4330



108.2500, 13.6807, -94.9352



21.1610, 2.3856, -18.5582

Inverse Universe

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



59.7740, -16.6506, 114.2082



77.7290, -21.5584, 148.4507



96.1390, -47.3965, 82.3161



87.8050, -0.8899, 5.4330



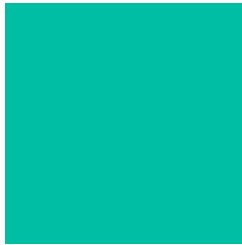
49.7500, -13.6807, 94.9352



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 130.2260, 16.6506, -114.2082 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 130.2260, 16.6506, -114.2082 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

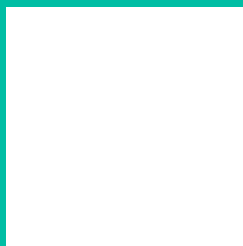
Any Text WCAG AAA ✓ Pass

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

YUV 130.2260, 16.6506, -114.2082 Background



This preview shows how black text looks on a background with the YUV color 130.2260, 16.6506, -114.2082.

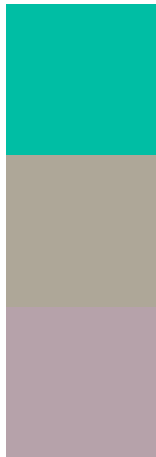


This preview shows how white text looks on a background with the YUV color 130.2260, 16.6506, -114.2082.

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

130.2260, 16.6506, -114.2082

Protanopia

167.3830, -7.5838, 5.8031

Deuteranopia

168.8920, 0.5462, 11.4957



Tritanopia

146.9430, 26.1571, -83.2650

Trichromacy



Original Color

130.2260, 16.6506, -114.2082



Protanomaly

153.6980, 1.1349, -37.4461



Deuteranomaly

154.8000, 6.5076, -34.0276



Tritanomaly

140.9540, 22.7007, -94.6757

Monochromacy



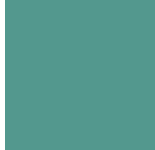
Original Color

130.2260, 16.6506, -114.2082



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

130.2290, 5.8031, -41.4198

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.2260, 16.6506, -114.2082 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, 190, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 164)  
}
```

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, 190, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 164) }
```

Border

The CSS property to change the border of an element to YUV 130.2260, 16.6506, -114.2082 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, 190, 164) }
```


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

```
.border{ border-color:rgb(0, 190, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 130.2260, 16.6506, -114.2082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 164) }
```

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

```
.background{ background-color: rgb(0, 190,  
164) }
```

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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