

Converting Colors

YUV(132.3860, 27.4177,
-114.3485)

Have a look what the booklet for
YUV(132.3860, 27.4177, -114.3485)
contains.

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Color

**YUV(132.3860, 27.4177,
-114.3485)**

Conversions

Conversions Part 1

Format	Color
Hex	02BCBC
RGB	2, 188, 188
RGB Percent	1%, 74%, 74%
CMY	0.9922, 0.2627, 0.2627
CMYK	0.99, 0.00, 0.00, 0.26
HSL	180°, 98%, 37%
HSV	180°, 99%, 74%
XYZ	27.0854, 39.6102, 53.7949
YIQ	132.3860, -110.8560, -39.4320

Conversions

Conversions Part 2

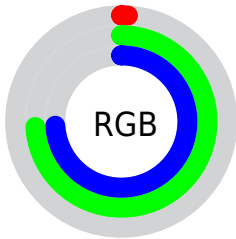
Format	Color
RYB	2, 95, 188
Decimal	179388
CIELab	69.19, -38.17, -11.23
CIELCh	69, 39.790, 196.391
Yxy	39.6102, 0.2248, 0.3287
Android (android.graphics.Color)	4278369468 (0xFF02BCBC)
YUV	132.3860, 27.4177, -114.3485
Hunter-Lab	62.9366, -33.3200, -6.6224

Details

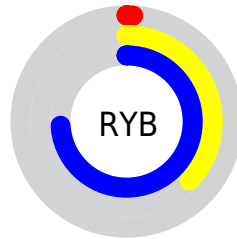
The YUV color **132.3860, 27.4177, -114.3485** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **57.6140, -27.4177, 114.3485**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1290, 20.6424, -87.8131**, and **94.0480, 20.1893, -82.4801** is the 20% darker color. If you saturate the color by 10%, you get **131.7880, 27.7125, -115.5781**, and if you desaturate by 10%, it is **138.0670, 24.6170, -102.6678**.

Distribution



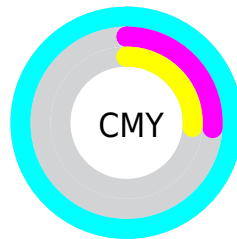
- Red (1%)
- Green (74%)
- Blue (74%)



- Red (1%)
- Yellow (37%)
- Blue (74%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (99%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3860, 27.4177, -114.3485 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 132.3860, 27.4177, -114.3485 by changing the saturation by 10% instead.

■ 132.3860, 27.4177,
-114.3485

■ 132.3860, 27.4177,
-114.3485

■ 255.0000, 0.0000,
0.0000

■ 112.8610, 23.7325,
-98.9791

■ 202.1290, 20.6424,
-87.8131

■ 94.0480, 20.1893,
-82.4801

■ 218.8210, 17.8362,
-74.3880

■ 75.9360, 16.7936,
-66.5959

■ 228.3890, 13.1192,
-54.7152

■ 58.4110, 13.1084,
-51.2264

■ 237.6580, 8.5496,
-35.6571

■ 41.7010, 10.0074,
-36.5718

■ 246.6280, 4.1274,
-17.2138

■ 26.8660, 6.4751,
-23.5615

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 132.3860, 27.4177,
-114.3485

■ 132.3860, 27.4177,
-114.3485

■ 131.7880, 27.7125,
-115.5781

■ 138.0670, 24.6170,
-102.6678

■ 143.7480, 21.8162,
-90.9870

■ 149.1300, 19.1629,
-79.9210

■ 154.8110, 16.3622,
-68.2402

■ 160.4920, 13.5614,
-56.5595

■ 166.1730, 10.7607,
-44.8787

■ 171.8540, 7.9600,
-33.1980

■ 177.2360, 5.3067,
-22.1320

■ 182.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



152.0990, -0.5418, -59.7228



132.3860, 27.4177, -114.3485



133.6750, 42.5582, -117.2330

Triad

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



132.3860, 27.4177, -114.3485



173.3920, 22.4847, 21.5812



167.6860, -33.8622, 34.4784

Complementary

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



132.3860, 27.4177, -114.3485



57.6140, -27.4177, 114.3485

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.



169.6850, -25.4807, 52.8963



132.3860, 27.4177, -114.3485



173.1430, 6.8315, 48.9866

Square

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



132.3860, 27.4177, -114.3485



168.8260, 34.1028, -18.2644



171.3280, -10.5147, 59.3483



164.4500, -32.7598, 7.4984

Rectangle

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



132.3860, 27.4177, -114.3485



149.3790, 41.7182, -81.0164



171.3280, -10.5147, 59.3483



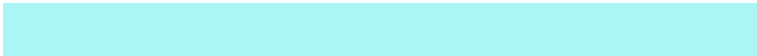
168.4850, -32.2841, 41.6707

Sweetspot

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



132.3860, 27.4177, -114.3485



222.8740, 10.9081, -45.4935



111.1820, -53.8267, -95.7526



108.8440, 6.4859, -27.0502



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



132.3860, 27.4177, -114.3485



171.7450, 36.1147, -150.6204



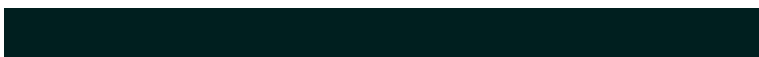
77.7950, 54.3311, -66.4722



91.3090, 1.3267, -5.5330



110.7580, 23.2903, -97.1348



21.7310, 4.5696, -19.0581

Inverse Universe

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



78.8180, 53.8267, 95.7526



101.1850, 70.9008, 126.1258



112.2050, -54.3311, 66.4722



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 132.3860, 27.4177, -114.3485 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 132.3860, 27.4177, -114.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

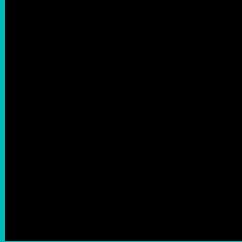
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

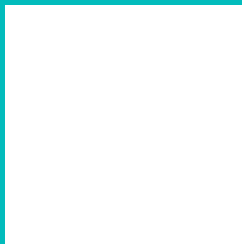
Any Text WCAG AAA ✓ Pass

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

YUV 132.3860, 27.4177, -114.3485 Background



This preview shows how black text looks on a background with the YUV color 132.3860, 27.4177, -114.3485.

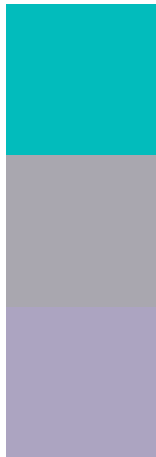


This preview shows how white text looks on a background with the YUV color 132.3860, 27.4177, -114.3485.

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

132.3860, 27.4177, -114.3485

Protanopia

168.5100, 3.1996, 0.4297

Deuteranopia

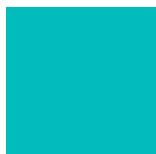
169.6980, 11.4879, 2.0189



Tritanopia

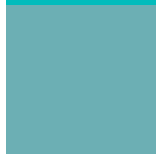
142.2620, 28.9578, -94.9458

Trichromacy



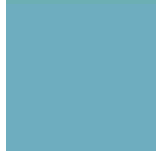
Original Color

132.3860, 27.4177, -114.3485



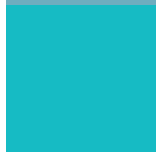
Protanomaly

155.5370, 12.0603, -41.6899



Deuteranomaly

156.2150, 17.1490, -40.5306



Tritanomaly

138.6910, 28.2533, -102.3380

Monochromacy



Original Color

132.3860, 27.4177, -114.3485



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

131.9670, 9.8763, -41.1901

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3860, 27.4177, -114.3485 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(2, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(2, 188, 188)  
}
```

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(2, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 188, 188) }
```

Border

The CSS property to change the border of an element to YUV 132.3860, 27.4177, -114.3485 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(2, 188, 188) }
```


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

```
.border{ border-color:rgb(2, 188, 188) }
```

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

Here you see how a box with a 4 pixel rgb(2, 188, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(2, 188,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 132.3860, 27.4177, -114.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 188, 188) }
```

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

```
.background{ background-color: rgb(2, 188,  
188) }
```

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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