

Converting Colors

YUV(131.9380, 6.9326,
-77.1216)

Have a look what the booklet for
YUV(131.9380, 6.9326, -77.1216)
contains.

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Color

**YUV(131.9380, 6.9326,
-77.1216)**

Conversions

Conversions Part 1	
Format	Color
Hex	2CAE92
RGB	44, 174, 146
RGB Percent	17%, 68%, 57%
CMY	0.8275, 0.3176, 0.4275
CMYK	0.75, 0.00, 0.16, 0.32
HSL	167°, 60%, 43%
HSV	167°, 75%, 68%
XYZ	21.3631, 32.8829, 32.4152
YIQ	131.9380, -68.4920, -36.2680

Conversions

Conversions Part 2

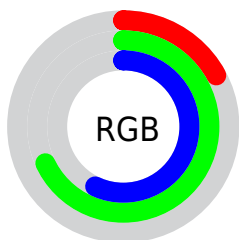
Format	Color
RYB	44, 117, 174
Decimal	2928274
CIELab	64.07, -41.11, 4.50
CIELCh	64, 41.354, 173.753
Yxy	32.8829, 0.2465, 0.3794
Android (android.graphics.Color)	4281118354 (0xFF2CAE92)
YUV	131.9380, 6.9326, -77.1216
Hunter-Lab	57.3436, -33.8521, 6.6251

Details

The YUV color **131.9380, 6.9326, -77.1216** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **86.0620, -6.9326, 77.1216**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7000, 4.5849, -70.7739**, and **81.9710, 6.9163, -71.8886** is the 20% darker color. If you saturate the color by 10%, you get **126.3990, 7.6913, -87.1729**, and if you desaturate by 10%, it is **137.4770, 6.1738, -67.0703**.

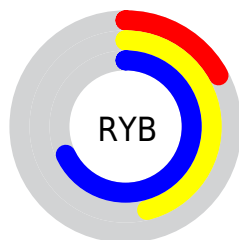
Distribution



Red (17%)

Green (68%)

Blue (57%)



Red (17%)

Yellow (46%)

Blue (68%)

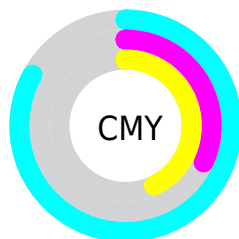


Cyan (75%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (83%)

Magenta (32%)

Yellow (43%)

Brightness & Saturation

Gradients


These gradients show how the YUV color 131.9380, 6.9326, -77.1216 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 131.9380, 6.9326, -77.1216 by changing the saturation by 10% instead.


 131.9380, 6.9326,
-77.1216

 131.9380, 6.9326,
-77.1216


255.0000, 0.0000,
0.0000


 99.9690, 9.8753,
-87.6728

 190.7000, 4.5849,
-70.7739

 81.9710, 6.9163,
-71.8886


 217.2380, 5.3057,
-68.6147

 63.9730, 3.9573,
-56.1043


 229.2860, 12.6770,
-52.8708

 46.7900, 1.5825,
-41.0348

 238.2560, 8.2548,
-34.4275

 30.8950, -0.9342,
-27.0949

 246.9270, 3.9800,
-16.5990

 13.8430, -5.3456,
-12.1403

 0.0000, 0.0000,

0.0000

■ 131.9380, 6.9326,
-77.1216

■ 131.9380, 6.9326,
-77.1216

■ 126.3990, 7.6913,
-87.1729

■ 137.4770, 6.1738,
-67.0703

■ 120.6750, 9.0342,
-97.9390

■ 143.2010, 4.8309,
-56.3043

■ 117.7560, 9.4873,
-103.2720

■ 148.7400, 4.0722,
-46.2530

■ 154.5780, 3.1660,
-35.5869

■ 160.1170, 2.4073,
-25.5356

■ 165.5420, 1.2118,
-15.3843

■ 171.3800, 0.3057,
-4.7183

■ 176.9190, -0.4531,
5.3330

■ 182.7570, -1.3592,
15.9991

Harmonies

Analogous

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



143.7250, -16.6264, -33.9618



131.9380, 6.9326, -77.1216



123.1140, 30.0168, -107.9710

Triad

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



131.9380, 6.9326, -77.1216



156.8380, 32.6179, -8.6279



154.8650, -28.5274, 50.1074

Complementary

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



131.9380, 6.9326, -77.1216



86.0620, -6.9326, 77.1216

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.



156.6010, -14.5933, 60.8629



131.9380, 6.9326, -77.1216



159.9370, 19.2581, 29.8733

Square

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



131.9380, 6.9326, -77.1216



144.1200, 41.3528, -57.1102



158.5520, 3.1789, 53.8899



152.5990, -35.2983, 28.4157

Rectangle

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



131.9380, 6.9326, -77.1216



124.3340, 39.7683, -109.0409



158.5520, 3.1789, 53.8899



155.6360, -24.4705, 55.5702

Sweetspot

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



131.9380, 6.9326, -77.1216



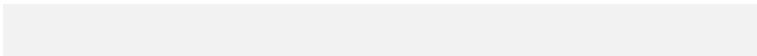
210.7960, 2.5656, -29.6391



128.6820, -41.7482, -49.7101



105.2320, 1.3646, -17.7435



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



131.9380, 6.9326, -77.1216



160.9880, 10.8519, -121.0155



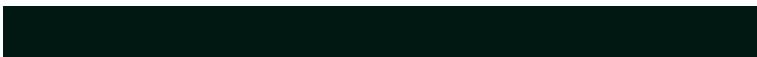
113.4110, 29.8704, -60.8734



84.0810, 0.4531, -5.3330



101.5020, 8.1335, -89.0173



15.5530, 1.2064, -13.6400

Inverse Universe

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



86.0620, -6.9326, 77.1216



89.0120, -10.8519, 121.0155



104.5890, -29.8704, 60.8734



80.9190, -0.4531, 5.3330



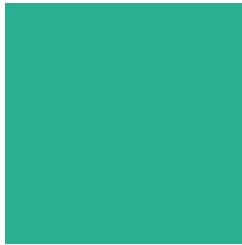
48.4980, -8.1335, 89.0173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 131.9380, 6.9326, -77.1216 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 131.9380, 6.9326, -77.1216 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 131.9380, 6.9326, -77.1216

Background



This preview shows how black text looks on a background with the YUV color 131.9380, 6.9326, -77.1216.

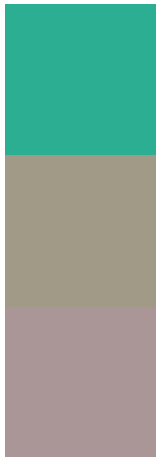


This preview shows how white text looks on a background with the YUV color 131.9380, 6.9326,

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

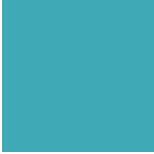
131.9380, 6.9326, -77.1216

Protanopia

153.9270, -9.3310, 6.2030

Deuteranopia

155.5070, -2.2220, 12.7104



Tritanopia

139.2010, 21.5929, -65.9513

Trichromacy



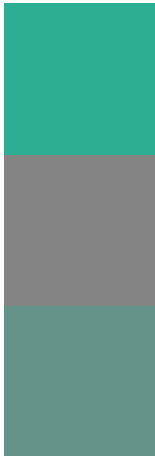
Original Color
131.9380, 6.9326, -77.1216

Protanomaly
145.6350, -3.2711, -24.2359

Deuteranomaly
146.8080, 1.0807, -20.0026

Tritanomaly
136.8000, 16.3676, -69.9846

Monochromacy



Original Color
131.9380, 6.9326, -77.1216

Achromatopsia
132.0000, 0.0000, 0.0000

Achromatomaly
131.8070, 2.5601, -27.8947

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9380, 6.9326, -77.1216 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(44, 174, 146)` looks like.

```
.text, #text, p{  
    color:rgb(44, 174, 146)  
}
```

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(44, 174, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 174, 146) }
```

Border

The CSS property to change the border of an element to YUV 131.9380, 6.9326, -77.1216 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(44, 174, 146) }
```


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

```
.border{ border-color:rgb(44, 174, 146) }
```

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

Here you see how a box with a 4 pixel rgb(44, 174, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 174, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 174, 146);  
box-shadow:4px 4px 4px 4px rgb(44, 174,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 131.9380, 6.9326, -77.1216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 174, 146) }
```

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

```
.background{ background-color: rgb(44, 174,  
146) }
```

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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