

Converting Colors

YUV(130.7640, 7.5113,
-76.0920)

Have a look what the booklet for
YUV(130.7640, 7.5113, -76.0920)
contains.

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Color

**YUV(130.7640, 7.5113,
-76.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	2CAC92
RGB	44, 172, 146
RGB Percent	17%, 67%, 57%
CMY	0.8275, 0.3255, 0.4275
CMYK	0.74, 0.00, 0.15, 0.33
HSL	168°, 59%, 42%
HSV	168°, 74%, 67%
XYZ	20.9795, 32.1158, 32.2874
YIQ	130.7640, -67.9420, -35.2220

Conversions

Conversions Part 2

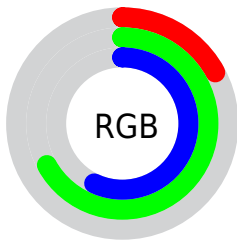
Format	Color
RYB	44, 115, 172
Decimal	2927762
CIELab	63.44, -40.23, 3.59
CIElCh	63, 40.394, 174.895
Yxy	32.1158, 0.2457, 0.3761
Android (android.graphics.Color)	4281117842 (0xFF2CAC92)
YUV	130.7640, 7.5113, -76.0920
Hunter-Lab	56.6708, -33.0933, 5.8900

Details

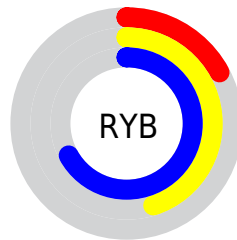
The YUV color **130.7640, 7.5113, -76.0920** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **85.2360, -7.5113, 76.0920**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2270, 5.3111, -70.3591**, and **80.7970, 7.4951, -70.8590** is the 20% darker color. If you saturate the color by 10%, you get **125.3390, 8.7069, -86.2433**, and if you desaturate by 10%, it is **136.1890, 6.3158, -65.9408**.

Distribution



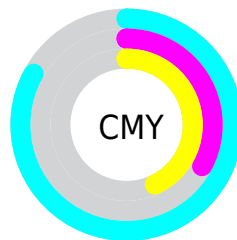
- Red (17%)
- Green (67%)
- Blue (57%)



- Red (17%)
- Yellow (45%)
- Blue (67%)



- Cyan (74%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)



- Cyan (83%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7640, 7.5113, -76.0920 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 130.7640, 7.5113, -76.0920 by changing the saturation by 10% instead.

■ 130.7640, 7.5113,
-76.0920

■ 130.7640, 7.5113,
-76.0920

■ 255.0000, 0.0000,
0.0000

■ 98.7950, 10.4541,
-86.6432

■ 189.2270, 5.3111,
-70.3591

■ 80.7970, 7.4951,
-70.8590

■ 217.2380, 5.3057,
-68.6147

■ 62.7990, 4.5361,
-55.0747

■ 228.9870, 12.8244,
-53.4856

■ 46.2030, 1.8719,
-40.5200

■ 237.9570, 8.4022,
-35.0423

■ 30.3080, -0.6448,
-26.5801

■ 246.9270, 3.9800,
-16.5990

■ 12.0820, -4.4774,
-10.5959

■ 0.0000, 0.0000,

0.0000

■ 130.7640, 7.5113,
-76.0920

■ 130.7640, 7.5113,
-76.0920

■ 125.3390, 8.7069,
-86.2433

■ 136.1890, 6.3158,
-65.9408

■ 119.8000, 9.4656,
-96.2946

■ 141.7280, 5.5571,
-55.8895

■ 116.5820, 10.0661,
-102.2424

■ 147.4520, 4.2142,
-45.1234

■ 152.9910, 3.4554,
-35.0721

■ 158.4160, 2.2599,
-24.9208

■ 163.9550, 1.5012,
-14.8695

■ 169.3800, 0.3057,
-4.7183

■ 175.2180, -0.6005,
5.9478

■ 180.6430, -1.7960,
16.0991

Harmonies

Analogous

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



142.0670, -15.3160, -34.2618



130.7640, 7.5113, -76.0920



121.8260, 30.1588, -106.8414

Triad

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



130.7640, 7.5113, -76.0920



155.5070, 31.3020, -6.5836



153.8540, -28.5220, 48.3630

Complementary

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



130.7640, 7.5113, -76.0920



85.2360, -7.5113, 76.0920

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.



155.1770, -14.8773, 58.6038



130.7640, 7.5113, -76.0920



158.0080, 18.2371, 30.6880

Square

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



130.7640, 7.5113, -76.0920



143.8000, 40.0316, -53.3216



156.9110, 2.0159, 53.5751



151.1150, -34.5667, 27.0861

Rectangle

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



130.7640, 7.5113, -76.0920



122.9320, 39.4735, -107.8114



156.9110, 2.0159, 53.5751



154.2120, -24.7545, 53.3111

Sweetspot

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



130.7640, 7.5113, -76.0920



208.2090, 2.8550, -29.1243



127.5080, -41.1694, -48.6805



102.6450, 1.6540, -17.2287



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



130.7640, 7.5113, -76.0920



159.9390, 11.8621, -118.3415



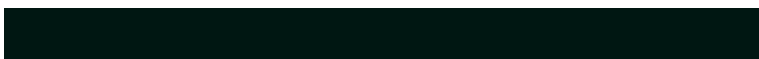
112.5960, 29.2862, -60.1587



84.0810, 0.4531, -5.3330



101.7300, 9.0071, -89.2172



15.5530, 1.2064, -13.6400

Inverse Universe

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



85.2360, -7.5113, 76.0920



89.0610, -11.8621, 118.3415



103.4040, -29.2862, 60.1587



80.9190, -0.4531, 5.3330



48.3840, -8.5703, 89.1172



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 130.7640, 7.5113, -76.0920 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 130.7640, 7.5113, -76.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

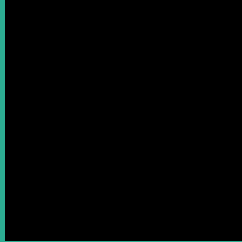
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 130.7640, 7.5113, -76.0920

Background



This preview shows how black text looks on a background with the YUV color 130.7640, 7.5113, -76.0920.



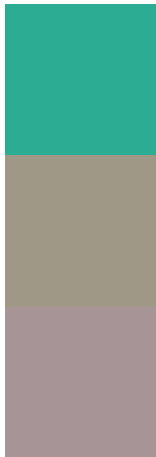
This preview shows how white text looks on a background with the YUV color 130.7640, 7.5113,

-76.0920.

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

130.7640, 7.5113, -76.0920

Protanopia

152.1550, -8.4574, 6.0031

Deuteranopia

154.0230, -1.4903, 11.3808



Tritanopia

137.5000, 21.4455, -65.3365

Trichromacy



Original Color

130.7640, 7.5113, -76.0920



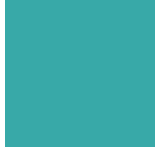
Protanomaly

144.1620, -2.5449, -23.8211



Deuteranomaly

145.6230, 1.6649, -20.7174



Tritanomaly

135.0990, 16.2202, -69.3698

Monochromacy



Original Color

130.7640, 7.5113, -76.0920



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.8070, 2.5601, -27.8947

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7640, 7.5113, -76.0920 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, 172, 146)` looks like.

```
.text, #text, p{  
    color:rgb(44, 172, 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, 172, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 172, 146) }
```

Border

The CSS property to change the border of an element to YUV 130.7640, 7.5113, -76.0920 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, 172, 146) }
```


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

```
.border{ border-color:rgb(44, 172, 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, 172, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 172, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 172, 146);  
box-shadow:4px 4px 4px 4px rgb(44, 172,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 130.7640, 7.5113, -76.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 172, 146) }
```

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

```
.background{ background-color: rgb(44, 172,  
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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