

Converting Colors

YUV(121.4030, 8.1823,
-104.7164)

Have a look what the booklet for
YUV(121.4030, 8.1823, -104.7164)
contains.

YUV(121.4030, 8.1823, -104.7164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.4030, 8.1823,
-104.7164)**

Conversions

Conversions Part 1

Format	Color
Hex	02B38A
RGB	2, 179, 138
RGB Percent	1%, 70%, 54%
CMY	0.9922, 0.2980, 0.4588
CMYK	0.99, 0.00, 0.23, 0.30
HSL	166°, 98%, 35%
HSV	166°, 99%, 70%
XYZ	20.7326, 34.0881, 29.5317
YIQ	121.4030, -92.3310, -50.2750

Conversions

Conversions Part 2

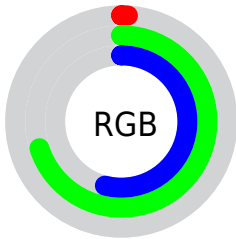
Format	Color
R_{YB}	2, 102, 179
Decimal	177034
CIE Lab	65.03, -48.29, 10.25
CIE LCh	65, 49.371, 168.018
Yxy	34.0881, 0.2458, 0.4041
Android (android.graphics.Color)	4278367114 (0xFF02B38A)
YUV	121.4030, 8.1823, -104.7164
Hunter-Lab	58.3850, -38.7882, 10.8800

Details

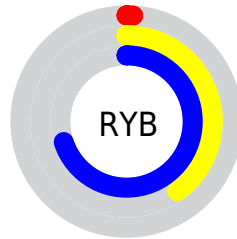
The YUV color **121.4030, 8.1823, -104.7164** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **59.5970, -8.1823, 104.7164**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.7110, 1.1285, -82.1845**, and **83.4070, 2.2643, -73.1479** is the 20% darker color. If you saturate the color by 10%, you get **120.8050, 8.4771, -105.9460**, and if you desaturate by 10%, it is **127.2410, 7.2762, -94.0504**.

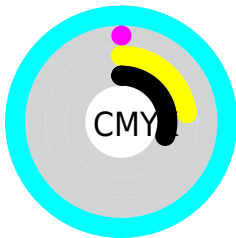
Distribution



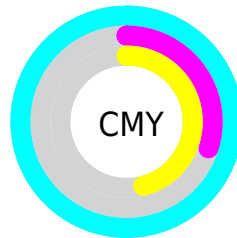
- Red (1%)
- Green (70%)
- Blue (54%)



- Red (1%)
- Yellow (40%)
- Blue (70%)



- Cyan (99%)
- Magenta (0%)
- Yellow (23%)
- Black (30%)



- Cyan (99%)
- Magenta (30%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.4030, 8.1823, -104.7164 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 121.4030, 8.1823, -104.7164 by changing the saturation by 10% instead.

■ 121.4030, 8.1823,
-104.7164

■ 121.4030, 8.1823,
-104.7164

■ 255.0000, 0.0000,
0.0000

■ 102.1060, 5.3707,
-89.5470

■ 188.7110, 1.1285,
-82.1845

■ 83.4070, 2.2643,
-73.1479

■ 212.6240, 3.1434,
-75.0922

■ 65.5230, -0.2578,
-57.4637

■ 224.9000, 11.3883,
-59.5483

■ 48.3400, -2.6326,
-42.3942

■ 234.6680, 10.0237,
-41.8048

■ 31.8580, -4.8600,
-27.9395

■ 243.9370, 5.4541,
-22.7467

■ 15.2620, -7.5242,
-13.3848

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 121.4030, 8.1823,
-104.7164

■ 121.4030, 8.1823,
-104.7164

■ 120.8050, 8.4771,
-105.9460

■ 127.2410, 7.2762,
-94.0504

■ 133.0790, 6.3701,
-83.3843

■ 138.9170, 5.4639,
-72.7182

■ 144.8690, 4.9946,
-62.1521

■ 150.4080, 4.2359,
-52.1008

■ 156.2460, 3.3297,
-41.4347

■ 162.0840, 2.4236,
-30.7687

■ 167.9220, 1.5175,
-20.1026

■ 173.7600, 0.6113,
-9.4365

Harmonies

Analogous

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



145.0750, -24.1940, -33.3918



121.4030, 8.1823, -104.7164



126.6360, 28.2805, -111.0598

Triad

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



121.4030, 8.1823, -104.7164



156.5680, 42.1180, -22.4231



156.9590, -31.0388, 62.3030

Complementary

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



121.4030, 8.1823, -104.7164



59.5970, -8.1823, 104.7164

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.



158.2480, -12.4473, 72.5735



121.4030, 8.1823, -104.7164



162.8750, 26.6836, 28.1736

Square

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



121.4030, 8.1823, -104.7164



126.4320, 57.9610, -110.8809



160.8610, 7.9565, 61.5119



154.8300, -42.3142, 38.7371

Rectangle

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



121.4030, 8.1823, -104.7164



128.5400, 40.6528, -112.7296



160.8610, 7.9565, 61.5119



157.4850, -25.3821, 67.9807

Sweetspot

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



121.4030, 8.1823, -104.7164



209.2460, 3.3297, -41.4347



118.1580, -57.2659, -65.9136



103.4160, 2.2599, -24.9208



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



121.4030, 8.1823, -104.7164



156.4760, 10.6113, -137.2295



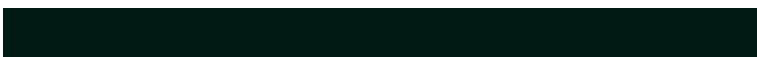
98.4880, 39.6924, -84.6200



86.0810, 0.4531, -5.3330



103.2630, 7.2653, -90.5617



17.5420, 1.2118, -15.3843

Inverse Universe

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



59.5970, -8.1823, 104.7164



75.5240, -10.6113, 137.2295



82.5120, -39.6924, 84.6200



82.9190, -0.4531, 5.3330



49.7370, -7.2653, 90.5617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 121.4030, 8.1823, -104.7164 looks on a white background.

Color Contrast Check

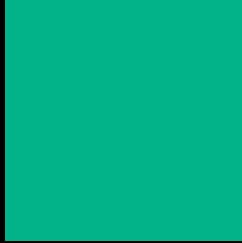
Large Text (above 18pt) WCAG AA × Fail

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 121.4030, 8.1823, -104.7164 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 121.4030, 8.1823, -104.7164 Background



This preview shows how black text looks on a background with the YUV color 121.4030, 8.1823, -104.7164.

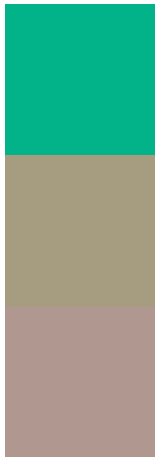


This preview shows how white text looks on a background with the YUV color 121.4030, 8.1823, -104.7164.

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

121.4030, 8.1823, -104.7164

Protanopia

155.6840, -14.1412, 9.0471

Deuteranopia

157.6770, -6.7428, 16.0693



Tritanopia

139.6130, 23.3618, -73.3286

Trichromacy



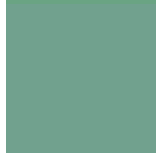
Original Color

121.4030, 8.1823, -104.7164



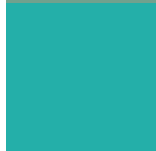
Protanomaly

142.8960, -5.8647, -32.3578



Deuteranomaly

144.4820, -1.2236, -27.6097



Tritanomaly

132.7550, 17.8688, -84.8541

Monochromacy



Original Color

121.4030, 8.1823, -104.7164



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

121.1540, 2.8821, -37.8461

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4030, 8.1823, -104.7164 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, 179, 138)` looks like.

```
.text, #text, p{  
    color:rgb(2, 179, 138)  
}
```

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, 179, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 179, 138) }
```

Border

The CSS property to change the border of an element to YUV 121.4030, 8.1823, -104.7164 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, 179, 138) }
```


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

```
.border{ border-color:rgb(2, 179, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 179, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 179, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 179, 138);  
box-shadow:4px 4px 4px 4px rgb(2, 179,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 121.4030, 8.1823, -104.7164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 179, 138) }
```

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

```
.background{ background-color: rgb(2, 179,  
138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor