

Converting Colors

YUV(130.4520, 14.0742,
-81.0804)

Have a look what the booklet for
YUV(130.4520, 14.0742, -81.0804)
contains.

YUV(130.4520, 14.0742, -81.0804)	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(130.4520, 14.0742,
-81.0804)**

Conversions

Conversions Part 1

Format	Color
Hex	26AC9F
RGB	38, 172, 159
RGB Percent	15%, 67%, 62%
CMY	0.8510, 0.3255, 0.3765
CMYK	0.78, 0.00, 0.08, 0.33
HSL	174°, 64%, 41%
HSV	174°, 78%, 67%
XYZ	21.8099, 32.4203, 37.9091
YIQ	130.4520, -75.6910, -32.4510

Conversions

Conversions Part 2

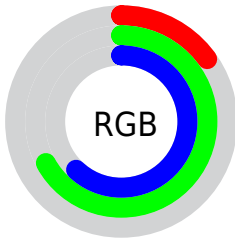
Format	Color
RYB	38, 108, 172
Decimal	2534559
CIELab	63.69, -37.38, -3.30
CIElCh	64, 37.524, 185.053
Yxy	32.4203, 0.2367, 0.3519
Android (android.graphics.Color)	4280724639 (0xFF26AC9F)
YUV	130.4520, 14.0742, -81.0804
Hunter-Lab	56.9388, -31.2703, 0.3827

Details

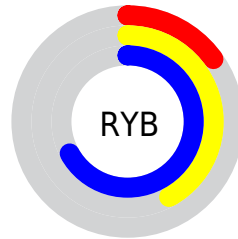
The YUV color **130.4520, 14.0742, -81.0804** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **79.5480, -14.0742, 81.0804**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2250, 11.7211, -72.9883**, and **82.1650, 12.7367, -72.0587** is the 20% darker color. If you saturate the color by 10%, you get **125.1410, 15.7065, -91.3317**, and if you desaturate by 10%, it is **135.7630, 12.4418, -70.8292**.

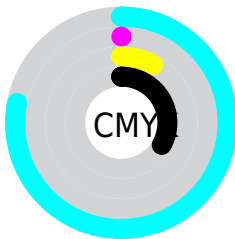
Distribution



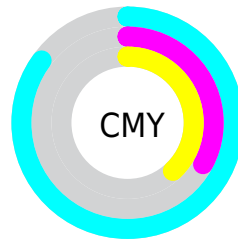
- Red (15%)
- Green (67%)
- Blue (62%)



- Red (15%)
- Yellow (42%)
- Blue (67%)



- Cyan (78%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)





- Cyan (85%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.4520, 14.0742, -81.0804 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 130.4520, 14.0742, -81.0804 by changing the saturation by 10% instead.


 130.4520, 14.0742,
-81.0804


 130.4520, 14.0742,
-81.0804

255.0000, 0.0000,
0.0000


 100.2770, 16.1324,
-87.9429

 190.2250, 11.7211,
-72.9883

 82.1650, 12.7367,
-72.0587


 218.2360, 11.7157,
-71.2440

 64.7540, 9.4883,
-56.7893

 228.6880, 12.9718,
-54.1004

 47.4570, 6.6767,
-41.6198

 237.6580, 8.5496,
-35.6571

 31.4480, 3.7231,
-27.5799

 246.6280, 4.1274,
-17.2138

 15.0800, 1.9326,
-13.2252

 0.0000, 0.0000,

0.0000

■ 130.4520, 14.0742,
-81.0804

■ 130.4520, 14.0742,
-81.0804

■ 125.1410, 15.7065,
-91.3317

■ 135.7630, 12.4418,
-70.8292

■ 119.9440, 17.7756,
-101.6829

■ 140.9600, 10.3727,
-60.4779

■ 118.6340, 17.9284,
-104.0420

■ 146.5700, 8.5930,
-49.6119

■ 151.8810, 6.9607,
-39.3606

■ 157.0780, 4.8915,
-29.0094

■ 162.3890, 3.2592,
-18.7582

■ 167.7000, 1.6269,
-8.5069

■ 173.1960, -0.5896,
2.4591

■ 178.5070, -2.2220,
12.7104

Harmonies

Analogous

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



141.8470, -8.3056, -42.8388



130.4520, 14.0742, -81.0804



122.2650, 34.3794, -107.2264

Triad

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



130.4520, 14.0742, -81.0804



157.1020, 25.5857, 6.9265



154.1580, -29.6579, 39.3264

Complementary

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



130.4520, 14.0742, -81.0804



79.5480, -14.0742, 81.0804

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.



155.5200, -18.4974, 53.0410



130.4520, 14.0742, -81.0804



158.4450, 12.1056, 37.3207

Square

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



130.4520, 14.0742, -81.0804



150.8520, 34.5830, -32.3192



157.4180, -3.6571, 53.1304



151.1460, -31.6240, 16.5350

Rectangle

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



130.4520, 14.0742, -81.0804



123.8230, 41.4993, -104.2078



157.4180, -3.6571, 53.1304



154.7010, -26.4746, 44.9892

Sweetspot

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



130.4520, 14.0742, -81.0804



208.1810, 5.3338, -30.8537



120.5450, -40.6947, -60.9910



102.3890, 3.2592, -18.7582



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.



130.4520, 14.0742, -81.0804



159.5280, 21.9247, -125.8741



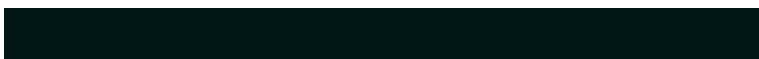
100.2360, 35.3797, -54.5810



84.1950, 0.8899, -5.4330



103.5540, 15.9959, -90.8169



15.8950, 2.5168, -13.9399

Inverse Universe

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



79.5480, -14.0742, 81.0804



80.4720, -21.9247, 125.8741



109.7640, -35.3797, 54.5810



80.8050, -0.8899, 5.4330



46.5600, -15.5591, 90.7169



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 130.4520, 14.0742, -81.0804 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 130.4520, 14.0742, -81.0804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

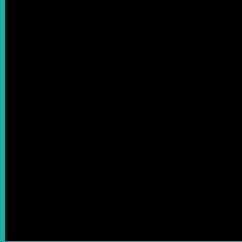
Any Text WCAG AA ✓ Pass

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 130.4520, 14.0742, -81.0804 Background



This preview shows how black text looks on a background with the YUV color 130.4520, 14.0742, -81.0804.



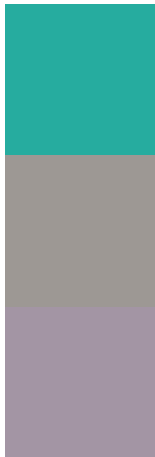
This preview shows how white text looks on a background with the YUV color 130.4520, 14.0742, -81.0804.

-81.0804.

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

130.4520, 14.0742, -81.0804

Protanopia

153.0390, -2.4842, 3.4738

Deuteranopia

154.8960, 4.4883, 7.1072



Tritanopia

136.0970, 22.6302, -71.9991

Trichromacy



Original Color

130.4520, 14.0742, -81.0804

Protanomaly

144.7470, 3.5757, -26.9651

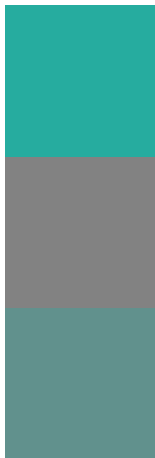
Deuteranomaly

145.9090, 7.9329, -24.4762

Tritanomaly

133.9780, 19.7308, -75.4027

Monochromacy



Original Color

130.4520, 14.0742, -81.0804

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1920, 5.3283, -29.1094

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.4520, 14.0742, -81.0804 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(38, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(38, 172, 159)  
}
```

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(38, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 172, 159) }
```

Border

The CSS property to change the border of an element to YUV 130.4520, 14.0742, -81.0804 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(38, 172, 159) }
```


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

```
.border{ border-color:rgb(38, 172, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(38, 172,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 130.4520, 14.0742, -81.0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 172, 159) }
```

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

```
.background{ background-color: rgb(38, 172,  
159) }
```

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