

Converting Colors

YUV(107.7770, 14.4069,
-94.5204)

Have a look what the booklet for
YUV(107.7770, 14.4069, -94.5204)
contains.

YUV(107.7770, 14.4069, -94.5204)	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(107.7770, 14.4069,
-94.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	009D89
RGB	0, 157, 137
RGB Percent	0%, 62%, 54%
CMY	1.0000, 0.3843, 0.4627
CMYK	1.00, 0.00, 0.13, 0.38
HSL	172°, 100%, 31%
HSV	172°, 100%, 62%
XYZ	16.5723, 25.9201, 27.7965
YIQ	107.7770, -87.1520, -39.5040

Conversions

Conversions Part 2

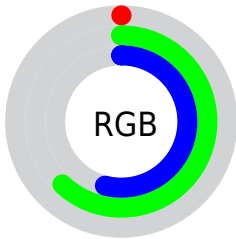
Format	Color
RYB	0, 84, 157
Decimal	40329
CIELab	57.96, -39.47, 0.64
CIELCh	58, 39.473, 179.064
Yxy	25.9201, 0.2358, 0.3688
Android (android.graphics.Color)	4278230409 (0xFF009D89)
YUV	107.7770, 14.4069, -94.5204
Hunter-Lab	50.9118, -30.9919, 3.2674

Details

The YUV color **107.7770, 14.4069, -94.5204** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **49.2230, -14.4069, 94.5204**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0140, 8.3741, -72.8033**, and **71.5530, 7.6154, -62.7520** is the 20% darker color. If you saturate the color by 10%, you get **107.7770, 14.4069, -94.5204**, and if you desaturate by 10%, it is **112.7890, 12.9220, -84.8840**.

Distribution



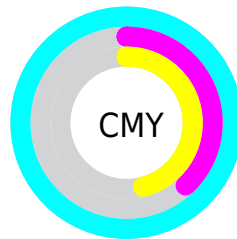
- Red (0%)
- Green (62%)
- Blue (54%)



- Red (0%)
- Yellow (33%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7770, 14.4069, -94.5204 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 107.7770, 14.4069, -94.5204 by changing the saturation by 10% instead.

■ 107.7770, 14.4069,
-94.5204

■ 107.7770, 14.4069,
-94.5204

■ 255.0000, 0.0000,
0.0000

■ 89.0780, 11.3005,
-78.1214

■ 173.0140, 8.3741,
-72.8033

■ 71.5530, 7.6154,
-62.7520

■ 202.1990, 7.7899,
-72.0885

■ 54.2560, 4.8038,
-47.5825

■ 222.6930, 11.9834,
-63.7518

■ 37.6600, 2.1396,
-33.0278

■ 232.2760, 11.2029,
-46.7231

■ 23.0530, -0.5191,
-20.2175

■ 241.2460, 6.7807,
-28.2797

■ 0.0000, 0.0000,
0.0000

■ 250.2160, 2.3585,

-9.8364

■ 107.7770, 14.4069,
-94.5204

■ 112.7890, 12.9220,
-84.8840

■ 117.5020, 11.5845,
-75.8623

■ 122.5140, 10.0996,
-66.2258

■ 127.5260, 8.6147,
-56.5893

■ 132.5380, 7.1298,
-46.9528

■ 137.2510, 5.7923,
-37.9311

■ 142.2630, 4.3073,
-28.2947

■ 147.2750, 2.8224,
-18.6582

■ 151.9880, 1.4849,
-9.6365

Harmonies

Analogous

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



127.2560, -11.9582, -37.9355



107.7770, 14.4069, -94.5204



111.1800, 29.9843, -97.5049

Triad

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



107.7770, 14.4069, -94.5204



141.5570, 28.8124, -1.3655



139.1200, -28.6532, 43.7448

Complementary

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



107.7770, 14.4069, -94.5204



49.2230, -14.4069, 94.5204

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.



140.2260, -15.8874, 55.9298



107.7770, 14.4069, -94.5204



143.3350, 15.6108, 33.0322

Square

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



107.7770, 14.4069, -94.5204



131.2740, 37.8259, -45.8443



141.7430, 0.1267, 52.8454



136.4240, -33.2400, 21.5532

Rectangle

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



107.7770, 14.4069, -94.5204



112.1720, 38.8622, -98.3748



141.7430, 0.1267, 52.8454



139.3640, -25.3225, 48.7928

Sweetspot

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



107.7770, 14.4069, -94.5204



184.8490, 5.4974, -36.7016



98.4380, -48.5299, -67.9131



90.3670, 3.2701, -22.2469



230.0000, 0.0000, 0.0000



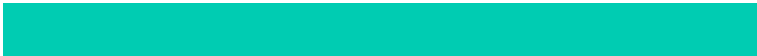
102.0000, 0.0000, 0.0000

Same Dimension

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



107.7770, 14.4069, -94.5204



140.0400, 18.7143, -122.8151



76.0110, 39.9276, -66.6616



76.4940, 0.7425, -4.8182



98.1910, 13.2168, -86.1135



10.2870, 1.3375, -9.0217

Inverse Universe

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



49.2230, -14.4069, 94.5204



63.9600, -18.7143, 122.8151



80.9890, -39.9276, 66.6616



73.5060, -0.7425, 4.8182



44.8090, -13.2168, 86.1135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 107.7770, 14.4069, -94.5204 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 107.7770, 14.4069, -94.5204 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 × Fail

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

YUV 107.7770, 14.4069, -94.5204 Background



This preview shows how black text looks on a background with the YUV color 107.7770, 14.4069, -94.5204.

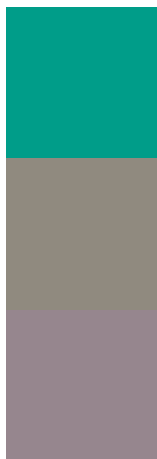


This preview shows how white text looks on a background with the YUV color 107.7770, 14.4069, -94.5204.

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

107.7770, 14.4069, -94.5204

Protanopia

138.5400, -5.6892, 4.7884

Deuteranopia

139.6960, 1.1359, 9.0366



Tritanopia

121.1790, 21.6038, -69.4400

Trichromacy



Original Color

107.7770, 14.4069, -94.5204

Protanomaly

127.5570, 1.6974, -31.1835

Deuteranomaly

127.7190, 6.0545, -28.6946

Tritanomaly

116.1410, 19.1575, -78.1767

Monochromacy



Original Color

107.7770, 14.4069, -94.5204

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.1590, 5.3446, -34.3424

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7770, 14.4069, -94.5204 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(0, 157, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 137)  
}
```

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(0, 157, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 137) }
```

Border

The CSS property to change the border of an element to YUV 107.7770, 14.4069, -94.5204 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(0, 157, 137) }
```


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

```
.border{ border-color:rgb(0, 157, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 107.7770, 14.4069, -94.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 137) }
```

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

```
.background{ background-color: rgb(0, 157,  
137) }
```

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