

Converting Colors

YUV(94.7740, 8.9854, -82.2398)

Have a look what the booklet for
YUV(94.7740, 8.9854, -82.2398)
contains.

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Color

**YUV(94.7740, 8.9854,
-82.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	018B71
RGB	1, 139, 113
RGB Percent	0%, 55%, 44%
CMY	0.9961, 0.4549, 0.5569
CMYK	0.99, 0.00, 0.19, 0.45
HSL	169°, 99%, 27%
HSV	169°, 99%, 55%
XYZ	12.2258, 19.6639, 18.7739
YIQ	94.7740, -73.9020, -37.3420

Conversions

Conversions Part 2

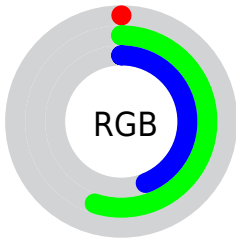
Format	Color
RYB	1, 77, 139
Decimal	101233
CIELab	51.46, -38.36, 4.98
CIElCh	51, 38.681, 172.596
Yxy	19.6639, 0.2413, 0.3881
Android (android.graphics.Color)	4278291313 (0xFF018B71)
YUV	94.7740, 8.9854, -82.2398
Hunter-Lab	44.3440, -28.3892, 5.9392

Details

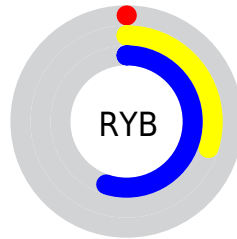
The YUV color **94.7740, 8.9854, -82.2398** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **45.2260, -8.9854, 82.2398**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9180, 3.9844, -64.8261**, and **59.0660, 2.9255, -51.8009** is the 20% darker color. If you saturate the color by 10%, you get **94.4750, 9.1328, -82.8546**, and if you desaturate by 10%, it is **99.3020, 8.2321, -73.9329**.

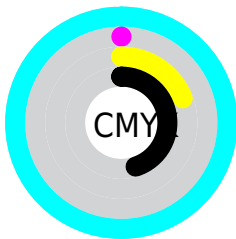
Distribution



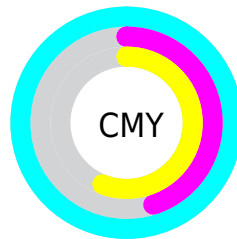
- Red (0%)
- Green (55%)
- Blue (44%)



- Red (0%)
- Yellow (30%)
- Blue (55%)



- Cyan (99%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7740, 8.9854, -82.2398 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 94.7740, 8.9854, -82.2398 by changing the saturation by 10% instead.

■ 94.7740, 8.9854,
-82.2398

■ 94.7740, 8.9854,
-82.2398

■ 255.0000, 0.0000,
0.0000

■ 76.4770, 6.1738,
-67.0703

■ 156.9180, 3.9844,
-64.8261

■ 59.0660, 2.9255,
-51.8009

■ 185.9890, 2.9634,
-64.0114

■ 42.4700, 0.2613,
-37.2462

■ 214.2880, 2.8160,
-63.3966

■ 27.2760, -2.1081,
-23.9211

■ 229.0860, 9.3246,
-50.9414

■ 5.8700, -2.8939,
-5.1480

■ 238.5550, 8.1074,
-33.8127

■ 0.0000, 0.0000,
0.0000

■ 247.2260, 3.8326,

-15.9842

■ 94.7740, 8.9854,
-82.2398

■ 94.7740, 8.9854,
-82.2398

■ 94.4750, 9.1328,
-82.8546

■ 99.3020, 8.2321,
-73.9329

■ 103.7160, 7.0420,
-65.5259

■ 108.2440, 6.2887,
-57.2190

■ 112.6580, 5.0986,
-48.8121

■ 116.8870, 4.4927,
-41.1199

■ 121.4150, 3.7394,
-32.8130

■ 125.8290, 2.5493,
-24.4060

■ 130.3570, 1.7960,
-16.0991

■ 134.8850, 1.0427,
-7.7921

Harmonies

Analogous

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



111.8010, -15.1849, -29.6435



94.7740, 8.9854, -82.2398



98.3510, 23.9840, -86.2538

Triad

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



94.7740, 8.9854, -82.2398



123.1430, 30.0025, -9.7724



122.0430, -25.1642, 44.6893

Complementary

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



94.7740, 8.9854, -82.2398



45.2260, -8.9854, 82.2398

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.



123.5400, -12.0982, 53.9004



94.7740, 8.9854, -82.2398



126.2740, 18.1059, 26.0697

Square

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



94.7740, 8.9854, -82.2398



109.4140, 38.7429, -59.9991



125.2200, 3.3425, 48.0421



120.5000, -31.7985, 25.8715

Rectangle

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



94.7740, 8.9854, -82.2398



99.9300, 32.5725, -87.6386



125.2200, 3.3425, 48.0421



122.4010, -21.3967, 49.6373

Sweetspot

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



94.7740, 8.9854, -82.2398



163.7140, 3.5920, -32.1982



90.3780, -44.0634, -53.8285



81.4490, 2.2436, -19.6878



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



94.7740, 8.9854, -82.2398



123.0050, 11.8295, -107.8754



73.6710, 32.2072, -63.7325



66.7930, 0.5951, -4.2035



90.3830, 8.6852, -79.2659



3.3910, 0.3002, -2.9739

Inverse Universe

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



45.2260, -8.9854, 82.2398



57.9950, -11.8295, 107.8754



66.3290, -32.2072, 63.7325



64.2070, -0.5951, 4.2035



42.6170, -8.6852, 79.2659



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 94.7740, 8.9854, -82.2398 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 94.7740, 8.9854, -82.2398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

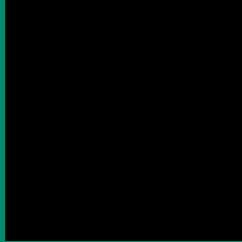
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 94.7740, 8.9854, -82.2398

Background



This preview shows how black text looks on a background with the YUV color 94.7740, 8.9854, -82.2398.



This preview shows how white text looks on a background with the YUV color 94.7740, 8.9854,

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

94.7740, 8.9854, -82.2398

Protanopia

121.7420, -8.7468, 5.4883

Deuteranopia

123.0830, -2.5059, 10.4512



Tritanopia

108.0340, 18.2242, -58.7888

Trichromacy



Original Color

94.7740, 8.9854, -82.2398



Protanomaly

111.8520, -2.3920, -26.1802



Deuteranomaly

112.9000, 1.5283, -23.5913



Tritanomaly

102.7680, 14.9044, -67.3255

Monochromacy



Original Color

94.7740, 8.9854, -82.2398



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

95.0240, 3.4392, -29.8390

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7740, 8.9854, -82.2398 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(1, 139, 113)` looks like.

```
.text, #text, p{  
    color:rgb(1, 139, 113)  
}
```

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(1, 139, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 139, 113) }
```

Border

The CSS property to change the border of an element to YUV 94.7740, 8.9854, -82.2398 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(1, 139, 113) }
```


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

```
.border{ border-color:rgb(1, 139, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 139, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 139, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 139, 113);  
box-shadow:4px 4px 4px 4px rgb(1, 139,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 94.7740, 8.9854, -82.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 139, 113) }
```

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

```
.background{ background-color: rgb(1, 139,  
113) }
```

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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