

Converting Colors

YUV(94.7190, 12.4635,
-77.8066)

Have a look what the booklet for
YUV(94.7190, 12.4635, -77.8066)
contains.

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Color

**YUV(94.7190, 12.4635,
-77.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	068778
RGB	6, 135, 120
RGB Percent	2%, 53%, 47%
CMY	0.9765, 0.4706, 0.5294
CMYK	0.96, 0.00, 0.11, 0.47
HSL	173°, 91%, 28%
HSV	173°, 96%, 53%
XYZ	12.1292, 18.7227, 20.7439
YIQ	94.7190, -72.0690, -32.0130

Conversions

Conversions Part 2

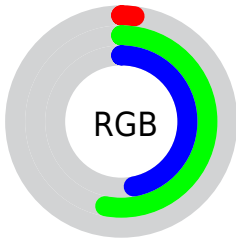
Format	Color
RYB	6, 74, 135
Decimal	427896
CIELab	50.36, -34.31, -0.67
CIElCh	50, 34.316, 181.112
Yxy	18.7227, 0.2351, 0.3629
Android (android.graphics.Color)	4278617976 (0xFF068778)
YUV	94.7190, 12.4635, -77.8066
Hunter-Lab	43.2698, -25.6856, 1.8647

Details

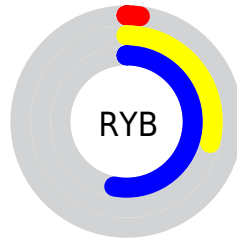
The YUV color **94.7190, 12.4635, -77.8066** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **46.2810, -12.4635, 77.8066**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6670, 8.0522, -62.8520**, and **57.5160, 7.1406, -50.4415** is the 20% darker color. If you saturate the color by 10%, you get **92.8110, 12.9112, -81.3952**, and if you desaturate by 10%, it is **99.1330, 11.2734, -69.3996**.

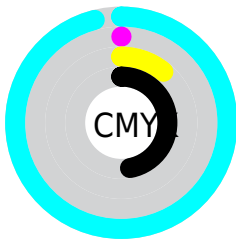
Distribution



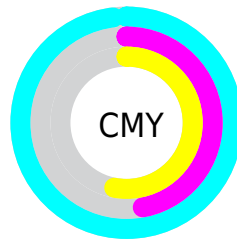
- Red (2%)
- Green (53%)
- Blue (47%)



- Red (2%)
- Yellow (29%)
- Blue (53%)



- Cyan (96%)
- Magenta (0%)
- Yellow (11%)
- Black (47%)



- Cyan (98%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7190, 12.4635, -77.8066 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 94.7190, 12.4635, -77.8066 by changing the saturation by 10% instead.

■ 94.7190, 12.4635,
-77.8066

■ 94.7190, 12.4635,
-77.8066

■ 255.0000, 0.0000,
0.0000

■ 74.8130, 9.9522,
-65.6110

■ 155.6670, 8.0522,
-62.8520

■ 57.5160, 7.1406,
-50.4415

■ 184.1510, 7.3206,
-61.5224

■ 40.8060, 4.0396,
-35.7869

■ 212.7380, 7.0312,
-62.0372

■ 26.0850, 0.9441,
-22.8765

■ 229.8840, 12.3822,
-51.6413

■ 2.1030, 0.4422,
-1.8443

■ 238.5550, 8.1074,
-33.8127

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,

-15.3694

■ 94.7190, 12.4635,
-77.8066

■ 94.7190, 12.4635,
-77.8066

■ 92.8110, 12.9112,
-81.3952

■ 99.1330, 11.2734,
-69.3996

■ 103.1340, 9.7939,
-61.5075

■ 107.5480, 8.6038,
-53.1006

■ 111.5490, 7.1243,
-45.2085

■ 115.9630, 5.9342,
-36.8016

■ 119.9640, 4.4547,
-28.9094

■ 124.3780, 3.2646,
-20.5025

■ 128.4930, 2.2220,
-12.7104

■ 132.7930, 0.5951,
-4.2035

Harmonies

Analogous

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



109.3750, -9.0589, -34.5319



94.7190, 12.4635, -77.8066



95.6440, 26.3045, -83.8798

Triad

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



94.7190, 12.4635, -77.8066



122.2000, 23.5654, 1.5786



119.4010, -24.8477, 36.4823

Complementary

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



94.7190, 12.4635, -77.8066



46.2810, -12.4635, 77.8066

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.



120.5130, -14.5499, 46.9081



94.7190, 12.4635, -77.8066



123.2160, 12.7115, 29.6286

Square

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



94.7190, 12.4635, -77.8066



114.3310, 31.3888, -34.4933



122.0580, -1.0146, 45.5531



117.6560, -28.4244, 16.9647

Rectangle

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



94.7190, 12.4635, -77.8066



96.2940, 33.8721, -84.4498



122.0580, -1.0146, 45.5531



119.8190, -22.0958, 40.5007

Sweetspot

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



94.7190, 12.4635, -77.8066



160.0670, 4.8970, -30.7538



86.2080, -39.5425, -57.1874



79.3890, 3.2592, -18.7582



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



94.7190, 12.4635, -77.8066



120.9820, 16.7709, -106.1012



67.6660, 33.1957, -54.0811



64.2060, 0.8844, -3.6887



89.4200, 12.6109, -78.4213



1.9890, 0.0054, -1.7444

Inverse Universe

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



46.2810, -12.4635, 77.8066



54.9040, -17.2077, 106.2012



73.3340, -33.1957, 54.0811



61.7940, -0.8844, 3.6887



40.5800, -12.6109, 78.4213



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 94.7190, 12.4635, -77.8066 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 94.7190, 12.4635, -77.8066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

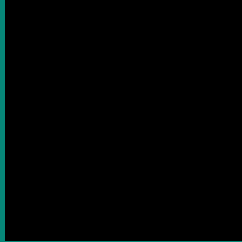
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 94.7190, 12.4635, -77.8066

Background



This preview shows how black text looks on a background with the YUV color 94.7190, 12.4635, -77.8066.



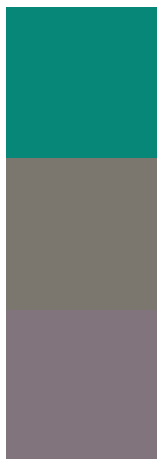
This preview shows how white text looks on a background with the YUV color 94.7190, 12.4635,

-77.8066.

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

94.7190, 12.4635, -77.8066

Protanopia

119.2840, -4.0840, 3.2589

Deuteranopia

120.7990, 1.5781, 7.1923



Tritanopia

104.1370, 18.6665, -60.6331

Trichromacy



Original Color

94.7190, 12.4635, -77.8066

Protanomaly

110.2910, 1.8285, -26.5652

Deuteranomaly

111.3390, 5.7489, -23.9763

Tritanomaly

100.5230, 16.5042, -67.1107

Monochromacy



Original Color

94.7190, 12.4635, -77.8066

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.2630, 4.3073, -28.2947

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7190, 12.4635, -77.8066 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(6, 135, 120)` looks like.

```
.text, #text, p{  
    color:rgb(6, 135, 120)  
}
```

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(6, 135, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 135, 120) }
```

Border

The CSS property to change the border of an element to YUV 94.7190, 12.4635, -77.8066 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(6, 135, 120) }
```


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

```
.border{ border-color:rgb(6, 135, 120) }
```

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

Here you see how a box with a 4 pixel rgb(6, 135, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 135, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 135, 120);  
box-shadow:4px 4px 4px 4px rgb(6, 135,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 94.7190, 12.4635, -77.8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 135, 120) }
```

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

```
.background{ background-color: rgb(6, 135,  
120) }
```

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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