

Converting Colors

YUV(126.9690, 0.0153,
-51.7158)

Have a look what the booklet for
YUV(126.9690, 0.0153, -51.7158)
contains.

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Color

**YUV(126.9690, 0.0153,
-51.7158)**

Conversions

Conversions Part 1

Format	Color
Hex	449D7F
RGB	68, 157, 127
RGB Percent	27%, 62%, 50%
CMY	0.7333, 0.3843, 0.5020
CMYK	0.57, 0.00, 0.19, 0.38
HSL	160°, 40%, 44%
HSV	160°, 57%, 62%
XYZ	18.2716, 26.8752, 24.3031
YIQ	126.9690, -43.4140, -28.1980

Conversions

Conversions Part 2

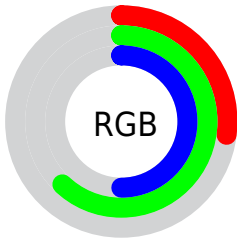
Format	Color
RYB	68, 122, 157
Decimal	4496767
CIELab	58.86, -34.10, 7.75
CIELCh	59, 34.967, 167.199
Yxy	26.8752, 0.2631, 0.3870
Android (android.graphics.Color)	4282686847 (0xFF449D7F)
YUV	126.9690, 0.0153, -51.7158
Hunter-Lab	51.8413, -27.8093, 8.4939

Details

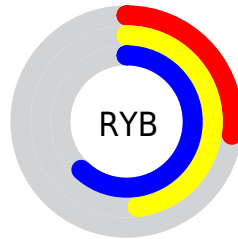
The YUV color **126.9690, 0.0153, -51.7158** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **98.0310, -0.0153, 51.7158**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0400, -1.0057, -50.9011**, and **70.5270, 3.6842, -61.8522** is the 20% darker color. If you saturate the color by 10%, you get **121.6150, 0.1898, -61.0524**, and if you desaturate by 10%, it is **132.3230, -0.1592, -42.3793**.

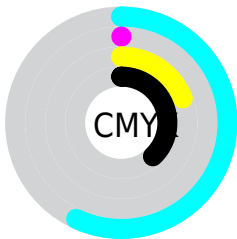
Distribution



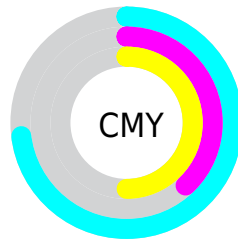
- Red (27%)
- Green (62%)
- Blue (50%)



- Red (27%)
- Yellow (48%)
- Blue (62%)



- Cyan (57%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (73%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.9690, 0.0153, -51.7158 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 126.9690, 0.0153, -51.7158 by changing the saturation by 10% instead.

■ 126.9690, 0.0153,
-51.7158

■ 126.9690, 0.0153,
-51.7158

■ 255.0000, 0.0000,
0.0000

■ 99.8870, 1.0417,
-54.2749

■ 182.0400, -1.0057,
-50.9011

■ 70.5270, 3.6842,
-61.8522

■ 210.2140, -1.5845,
-51.9307

■ 53.2300, 0.8726,
-46.6827

■ 230.2950, 2.3196,
-44.1087

■ 36.7480, -1.3548,
-32.2280

■ 240.9470, 6.9281,
-28.8945

■ 22.5000, -5.1765,
-19.7325

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 126.9690, 0.0153,
-51.7158

■ 126.9690, 0.0153,
-51.7158

■ 121.6150, 0.1898,
-61.0524

■ 132.3230, -0.1592,
-42.3793

■ 116.4460, -0.2199,
-69.6741

■ 137.4920, 0.2504,
-33.7575

■ 111.0920, -0.0454,
-79.0107

■ 142.8460, 0.0759,
-24.4209

■ 105.7380, 0.1292,
-88.3472

■ 148.2000, -0.0986,
-15.0844

■ 104.0150, -0.0074,
-91.2212

■ 153.5540, -0.2731,
-5.7479

■ 158.7230, 0.1366,
2.8739

■ 164.0770, -0.0380,
12.2105

■ 169.4310, -0.2125,

21.5470

■ 174.6000, 0.1972,
30.1688

Harmonies

Analogous

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



133.6880, -17.1012, -21.6514



126.9690, 0.0153, -51.7158



110.8720, 23.7271, -97.2347

Triad

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



126.9690, 0.0153, -51.7158



141.7680, 28.7084, -14.7055



142.2540, -21.8172, 44.5042

Complementary

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



126.9690, 0.0153, -51.7158



98.0310, -0.0153, 51.7158

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.



143.6150, -9.1772, 50.3266



126.9690, 0.0153, -51.7158



145.4580, 19.0012, 18.8923

Square

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



126.9690, 0.0153, -51.7158



131.3070, 34.3586, -53.7662



145.3440, 5.2534, 41.7943



140.3200, -28.7518, 28.6604

Rectangle

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



126.9690, 0.0153, -51.7158



111.8640, 32.6050, -98.1047



145.3440, 5.2534, 41.7943



142.9000, -18.1917, 48.3227

Sweetspot

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



126.9690, 0.0153, -51.7158



192.1670, -0.0823, -20.3175



129.5120, -30.3254, -26.7590



95.2220, -0.1094, -11.5957



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.



126.9690, 0.0153, -51.7158



157.0810, -0.0399, -80.7550



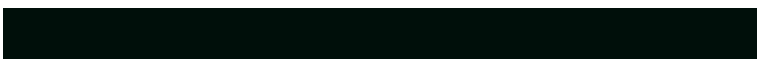
122.7580, 16.8813, -48.0228



76.2660, -0.1311, -4.6183



94.7710, 0.1129, -83.1142



9.9450, 0.0271, -8.7218

Inverse Universe

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



98.0310, -0.0153, 51.7158



111.9190, 0.0399, 80.7550



102.2420, -16.8813, 48.0228



73.7340, 0.1311, 4.6183



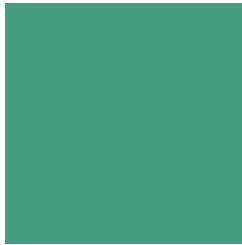
48.2290, -0.1129, 83.1142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 126.9690, 0.0153, -51.7158 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 126.9690, 0.0153, -51.7158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

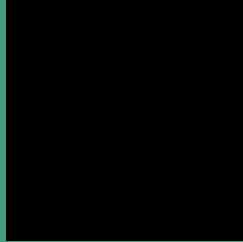
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.9690, 0.0153, -51.7158

Background



This preview shows how black text looks on a background with the YUV color 126.9690, 0.0153, -51.7158.



This preview shows how white text looks on a background with the YUV color 126.9690, 0.0153,

-51.7158.

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

126.9690, 0.0153, -51.7158

Protanopia

139.9980, -10.3520, 7.0178

Deuteranopia

142.1220, -4.9901, 13.9250



Tritanopia

131.8400, 15.8549, -45.4637

Trichromacy



Original Color

126.9690, 0.0153, -51.7158

Protanomaly

135.1910, -6.5032, -14.1995

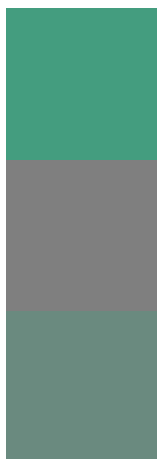
Deuteranomaly

136.7230, -3.3144, -10.2811

Tritanomaly

130.3360, 10.1874, -47.6527

Monochromacy



Original Color

126.9690, 0.0153, -51.7158

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.1780, -0.0878, -18.5731

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9690, 0.0153, -51.7158 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(68, 157, 127)` looks like.

```
.text, #text, p{  
    color:rgb(68, 157, 127)  
}
```

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(68, 157, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 157, 127) }
```

Border

The CSS property to change the border of an element to YUV 126.9690, 0.0153, -51.7158 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(68, 157, 127) }
```


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

```
.border{ border-color:rgb(68, 157, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 157, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(68, 157, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(68, 157, 127); box-shadow:4px 4px 4px 4px rgb(68, 157, 127) }
```

Background

The CSS property to change the background color of an element to YUV 126.9690, 0.0153, -51.7158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 157, 127) }
```

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

```
.background{ background-color: rgb(68, 157,  
127) }
```

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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