

Converting Colors

YUV(126.1670, 9.7777,
-56.2745)

Have a look what the booklet for
YUV(126.1670, 9.7777, -56.2745)
contains.

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Color

**YUV(126.1670, 9.7777,
-56.2745)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9B92
RGB	62, 155, 146
RGB Percent	24%, 61%, 57%
CMY	0.7569, 0.3922, 0.4275
CMYK	0.60, 0.00, 0.06, 0.39
HSL	174°, 43%, 43%
HSV	174°, 60%, 61%
XYZ	18.8963, 26.5421, 31.3213
YIQ	126.1670, -52.5390, -22.5150

Conversions

Conversions Part 2

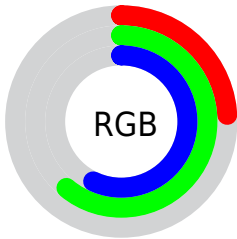
Format	Color
RYB	62, 111, 155
Decimal	4103058
CIELab	58.55, -29.51, -3.49
CIElCh	59, 29.714, 186.753
Yxy	26.5421, 0.2462, 0.3458
Android (android.graphics.Color)	4282293138 (0xFF3E9B92)
YUV	126.1670, 9.7777, -56.2745
Hunter-Lab	51.5191, -24.6878, 0.0176

Details

The YUV color **126.1670, 9.7777, -56.2745** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **90.8330, -9.7777, 56.2745**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6510, 9.0461, -54.9449**, and **71.4050, 12.1253, -62.6222** is the 20% darker color. If you saturate the color by 10%, you get **121.4540, 11.1152, -65.2962**, and if you desaturate by 10%, it is **131.0650, 7.8560, -46.5380**.

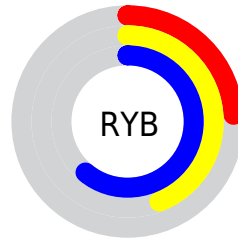
Distribution



Red (24%)

Green (61%)

Blue (57%)



Red (24%)

Yellow (44%)

Blue (61%)

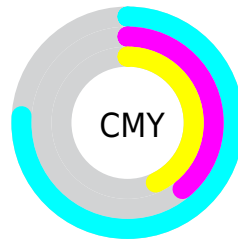


Cyan (60%)

Magenta (0%)

Yellow (6%)

Black (39%)



Cyan (76%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.1670, 9.7777, -56.2745 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 126.1670, 9.7777, -56.2745 by changing the saturation by 10% instead.

■ 126.1670, 9.7777,
-56.2745

■ 126.1670, 9.7777,
-56.2745

■ 255.0000, 0.0000,
0.0000

■ 97.7750, 10.9569,
-61.1927

■ 181.6510, 9.0461,
-54.9449

■ 71.4050, 12.1253,
-62.6222

■ 209.9500, 8.8987,
-54.3301

■ 54.5810, 8.5876,
-47.8675

■ 231.3790, 11.6452,
-48.5674

■ 37.9850, 5.9234,
-33.3128

■ 240.0500, 7.3704,
-30.7388

■ 23.8510, 2.5385,
-20.9173

■ 248.7210, 3.0955,
-12.9103

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,

0.0000

■ 126.1670, 9.7777,
-56.2745

■ 126.1670, 9.7777,
-56.2745

■ 121.4540, 11.1152,
-65.2962

■ 131.0650, 7.8560,
-46.5380

■ 116.5560, 13.0369,
-75.0326

■ 135.7780, 6.5184,
-37.5163

■ 111.5440, 14.5218,
-84.6691

■ 140.3770, 4.7441,
-28.3946

■ 106.9450, 16.2961,
-93.7908

■ 145.3890, 3.2592,
-18.7582

■ 149.9880, 1.4849,
-9.6365

■ 155.0000, 0.0000,
0.0000

■ 160.0120, -1.4849,
9.6365

■ 164.6110, -3.2592,
18.7582

■ 169.6230, -4.7441,
28.3946

Harmonies

Analogous

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



131.1840, -6.0067, -33.4874



126.1670, 9.7777, -56.2745



123.9450, 23.1981, -67.4808

Triad

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



126.1670, 9.7777, -56.2745



143.7940, 19.3286, 7.1967



140.8240, -23.0842, 30.8494

Complementary

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



126.1670, 9.7777, -56.2745



90.8330, -9.7777, 56.2745

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.



142.2520, -15.4072, 41.8750



126.1670, 9.7777, -56.2745



144.7770, 8.4909, 30.0136

Square

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



126.1670, 9.7777, -56.2745



138.7410, 26.2567, -21.6979



143.6400, -3.7665, 41.5347



138.6600, -24.4824, 12.5762

Rectangle

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



126.1670, 9.7777, -56.2745



127.8520, 27.6810, -58.6292



143.6400, -3.7665, 41.5347



141.0140, -21.2059, 35.0677

Sweetspot

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



126.1670, 9.7777, -56.2745



189.8940, 3.9963, -21.8320



119.2820, -28.2400, -42.3433



95.1940, 2.3694, -13.3251



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.



126.1670, 9.7777, -56.2745



156.0490, 15.2588, -87.7430



105.4740, 24.4163, -38.1267



74.4940, 0.7425, -4.8182



96.6580, 14.9586, -84.7691



8.9990, 1.4795, -7.8921

Inverse Universe

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



90.8330, -9.7777, 56.2745



100.9510, -15.2588, 87.7430



111.5260, -24.4163, 38.1267



71.5060, -0.7425, 4.8182



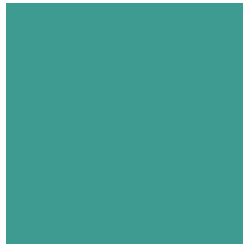
43.4560, -14.5218, 84.6691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 126.1670, 9.7777, -56.2745 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 126.1670, 9.7777, -56.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

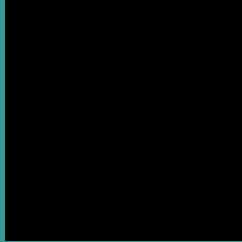
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.1670, 9.7777, -56.2745

Background



This preview shows how black text looks on a background with the YUV color 126.1670, 9.7777, -56.2745.



This preview shows how white text looks on a background with the YUV color 126.1670, 9.7777,

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

126.1670, 9.7777, -56.2745

Protanopia

139.9680, -1.4632, 2.6591

Deuteranopia

141.4830, 4.1989, 6.5924



Tritanopia

128.9640, 17.7657, -51.7114

Trichromacy



Original Color

126.1670, 9.7777, -56.2745

Protanomaly

135.1610, 2.3856, -18.5582

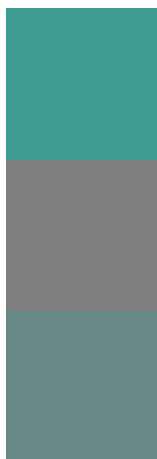
Deuteranomaly

135.9100, 6.4534, -16.5841

Tritanomaly

127.8560, 14.8610, -53.3707

Monochromacy



Original Color

126.1670, 9.7777, -56.2745

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.3780, 3.2646, -20.5025

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.1670, 9.7777, -56.2745 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(62, 155, 146)` looks like.

```
.text, #text, p{  
    color:rgb(62, 155, 146)  
}
```

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(62, 155, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 155, 146) }
```

Border

The CSS property to change the border of an element to YUV 126.1670, 9.7777, -56.2745 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(62, 155, 146) }
```


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

```
.border{ border-color:rgb(62, 155, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 155, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 155, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 155, 146);  
box-shadow:4px 4px 4px 4px rgb(62, 155,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 126.1670, 9.7777, -56.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 155, 146) }
```

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

```
.background{ background-color: rgb(62, 155,  
146) }
```

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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