

Converting Colors

YUV(105.7670, 9.9749,
-26.1057)

Have a look what the booklet for
YUV(105.7670, 9.9749, -26.1057)
contains.

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Color

**YUV(105.7670, 9.9749,
-26.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	4C757E
RGB	76, 117, 126
RGB Percent	30%, 46%, 49%
CMY	0.7020, 0.5412, 0.5059
CMYK	0.40, 0.07, 0.00, 0.51
HSL	191°, 25%, 40%
HSV	191°, 40%, 49%
XYZ	13.1077, 15.7654, 22.0908
YIQ	105.7670, -27.3250, -5.8930

Conversions

Conversions Part 2

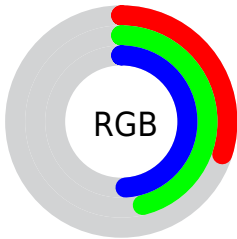
Format	Color
R_{YB}	76, 99, 126
Decimal	5010814
CIE _{Lab}	46.67, -11.78, -9.48
CIE _{LCh}	47, 15.122, 218.807
Yxy	15.7654, 0.2572, 0.3093
Android (android.graphics.Color)	4283200894 (0xFF4C757E)
YUV	105.7670, 9.9749, -26.1057
Hunter-Lab	39.7057, -10.5585, -5.1929

Details

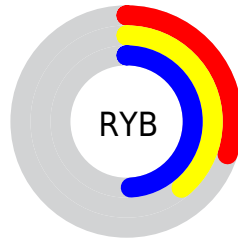
The YUV color **105.7670, 9.9749, -26.1057** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **96.2330, -9.9749, 26.1057**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5820, 10.5591, -26.8204**, and **57.0550, 9.8329, -27.2352** is the 20% darker color. If you saturate the color by 10%, you get **100.7060, 12.4699, -33.0682**, and if you desaturate by 10%, it is **110.8280, 7.4798, -19.1432**.

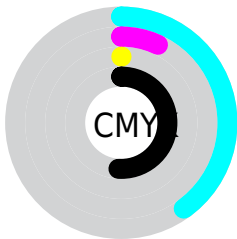
Distribution



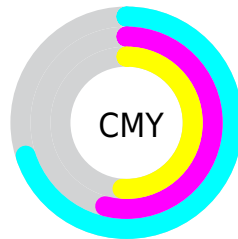
- Red (30%)
- Green (46%)
- Blue (49%)



- Red (30%)
- Yellow (39%)
- Blue (49%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)
















- Cyan (70%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.7670, 9.9749, -26.1057 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 105.7670, 9.9749, -26.1057 by changing the saturation by 10% instead.

 105.7670, 9.9749, -26.1057	 105.7670, 9.9749, -26.1057
255.0000, 0.0000, 0.0000	 80.7670, 9.9749, -26.1057
 157.5820, 10.5591, -26.8204	 57.0550, 9.8329, -27.2352
 184.5820, 10.5591, -26.8204	 33.1580, 10.2751, -29.0796
 212.2830, 10.7065, -27.4352	 19.0240, 6.8902, -16.6840
 240.0720, 7.3595, -27.2501	 1.0260, 3.9312, -0.8998
 249.9170, 2.5059, -10.4512	 0.0000, 0.0000, 0.0000

■ 105.7670, 9.9749,
-26.1057

■ 105.7670, 9.9749,
-26.1057

■ 100.7060, 12.4699,
-33.0682

■ 110.8280, 7.4798,
-19.1432

■ 95.3570, 15.1070,
-38.9011

■ 116.1770, 4.8427,
-13.3102

■ 90.2960, 17.6021,
-45.8636

■ 121.2380, 2.3477,
-6.3477

■ 85.5340, 19.9497,
-52.2113

■ 126.0000, 0.0000,
0.0000

■ 80.4730, 22.4448,
-59.1738

■ 131.0610, -2.4951,
6.9625


■ 74.8250, 25.2293,
-65.6215

■ 136.7090, -5.2795,
13.4102

■ 141.4710, -7.6272,
19.7579

■ 146.5320,

-10.1223, 26.7204

 151.2940,
-12.4699, 33.0682

Harmonies

Analogous

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



105.5840, 4.1491, -24.1912



105.7670, 9.9749, -26.1057



107.6090, 13.0108, -19.8281

Triad

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



105.7670, 9.9749, -26.1057



113.0110, 3.4456, 14.8994



109.6450, -11.6570, 5.5733

Complementary

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



105.7670, 9.9749, -26.1057



96.2330, -9.9749, 26.1057

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.



110.9990, -11.8315, 14.9099



105.7670, 9.9749, -26.1057



113.0350, -2.9753, 21.0173

Square

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



105.7670, 9.9749, -26.1057



112.0250, 8.8617, 4.3631



111.9550, -8.3588, 21.0875



108.3770, -8.5669, -5.5926

Rectangle

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



105.7670, 9.9749, -26.1057



109.6530, 12.9891, -12.8507



111.9550, -8.3588, 21.0875



110.4390, -12.5414, 9.2620

Sweetspot

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



105.7670, 9.9749, -26.1057



155.5580, 3.6689, -10.1364



106.2620, -10.9752, -26.5398



77.2380, 2.3477, -6.3477



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



105.7670, 9.9749, -26.1057



131.4600, 15.5492, -40.7454



91.6790, 16.9203, -13.7505



61.3200, 1.3212, -3.7886



76.2270, 25.5241, -66.8511



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.6240, 10.5384, 26.6398



115.6180, 16.4573, 41.5540



110.3210, -16.9203, 13.7505



59.7770, 1.5889, 3.7036



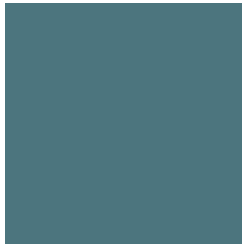
50.2420, 26.9957, 68.1938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 105.7670, 9.9749, -26.1057 looks on a white 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

Black Background



This preview shows how the YUV color 105.7670, 9.9749, -26.1057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

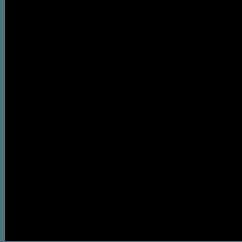
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.7670, 9.9749, -26.1057

Background



This preview shows how black text looks on a background with the YUV color 105.7670, 9.9749, -26.1057.



This preview shows how white text looks on a background with the YUV color 105.7670, 9.9749, -26.1057.

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

105.7670, 9.9749, -26.1057

Protanopia

110.3680, 5.2416, -1.1997

Deuteranopia

111.4760, 8.1463, 0.4595



Tritanopia

105.7670, 9.9749, -26.1057

Trichromacy



Original Color

105.7670, 9.9749, -26.1057

Protanomaly

108.7690, 7.0159, -10.3214

Deuteranomaly

109.2360, 8.7577, -8.9770

Tritanomaly

105.7670, 9.9749, -26.1057

Monochromacy



Original Color

105.7670, 9.9749, -26.1057

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.8570, 3.5215, -9.5216

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.7670, 9.9749, -26.1057 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(76, 117, 126)` looks like.

```
.text, #text, p{  
    color:rgb(76, 117, 126)  
}
```

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(76, 117, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 117, 126) }
```

Border

The CSS property to change the border of an element to YUV 105.7670, 9.9749, -26.1057 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(76, 117, 126) }
```


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

```
.border{ border-color:rgb(76, 117, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 117, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 117, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 117, 126);  
box-shadow:4px 4px 4px 4px rgb(76, 117,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 105.7670, 9.9749, -26.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 117, 126) }
```

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

```
.background{ background-color: rgb(76, 117,  
126) }
```

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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