

# Converting Colors

YUV(94.9150, 5.4649, -26.2355)

Have a look what the booklet for  
YUV(94.9150, 5.4649, -26.2355)  
contains.

<b>YUV(94.9150, 5.4649, -26.2355)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(94.9150, 5.4649,  
-26.2355)**

# Conversions

## Conversions Part 1

Format	Color
Hex	416C6A
RGB	65, 108, 106
RGB Percent	25%, 42%, 42%
CMY	0.7451, 0.5765, 0.5843
CMYK	0.40, 0.00, 0.02, 0.58
HSL	177°, 25%, 34%
HSV	177°, 40%, 42%
XYZ	10.1441, 12.8895, 15.5890
YIQ	94.9150, -24.9860, -9.7380

# Conversions

## Conversions Part 2

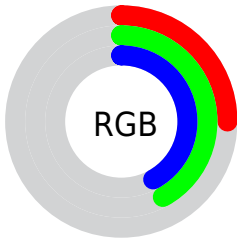
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	65, 87, 108
Decimal	4287594
CIE <sub>Lab</sub>	42.60, -15.40, -3.60
CIE <sub>LCh</sub>	43, 15.815, 193.158
Yxy	12.8895, 0.2626, 0.3337
Android (android.graphics.Color)	4282477674 (0xFF416C6A)
YUV	94.9150, 5.4649, -26.2355
Hunter-Lab	35.9020, -12.3937, -0.6128

# Details

The YUV color **94.9150, 5.4649, -26.2355** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78.0850, -5.4649, 26.2355**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2030, 5.3229, -27.3650**, and **46.4310, 6.1965, -27.5650** is the 20% darker color. If you saturate the color by 10%, you get **91.5120, 6.6496, -32.8980**, and if you desaturate by 10%, it is **98.3180, 4.2802, -19.5729**.

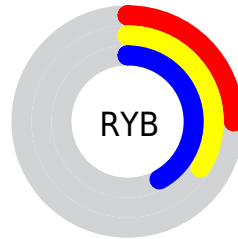
# Distribution



Red (25%)

Green (42%)

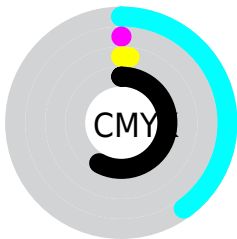
Blue (42%)



Red (25%)

Yellow (34%)

Blue (42%)

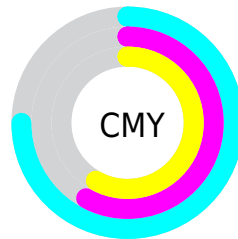


Cyan (40%)

Magenta (0%)

Yellow (2%)

Black (58%)



Cyan (75%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.9150, 5.4649, -26.2355 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 94.9150, 5.4649, -26.2355 by changing the saturation by 10% instead.



94.9150, 5.4649,  
-26.2355

94.9150, 5.4649,  
-26.2355

255.0000, 0.0000,  
0.0000

70.9150, 5.4649,  
-26.2355

146.2030, 5.3229,  
-27.3650

46.4310, 6.1965,  
-27.5650

173.2030, 5.3229,  
-27.3650

26.5240, 5.1647,  
-23.2615

200.3170, 5.7597,  
-27.4650

11.8030, 2.0691,  
-10.3512

228.6050, 5.6177,  
-28.5946

0.0000, 0.0000,  
0.0000

245.7310, 4.5696,  
-19.0581

254.4020, 0.2948,

-1.2296

■ 94.9150, 5.4649,  
-26.2355

■ 94.9150, 5.4649,  
-26.2355

■ 91.5120, 6.6496,  
-32.8980

■ 98.3180, 4.2802,  
-19.5729

■ 88.2230, 8.2711,  
-39.6606

■ 101.6070, 2.6587,  
-12.8103

■ 85.1190, 9.3083,  
-45.7084

■ 104.7110, 1.6215,  
-6.7625

■ 81.8300, 10.9298,  
-52.4709

■ 108.0000, 0.0000,  
0.0000

■ 78.4270, 12.1145,  
-59.1335

■ 111.4030, -1.1847,  
6.6626

■ 75.1380, 13.7360,  
-65.8960

■ 114.6920, -2.8062,  
13.4251

■ 118.0950, -3.9908,  
20.0877

■ 121.0850, -5.4649,  
26.2355

■ 124.4880, -6.6496,  
32.8980

# Harmonies

## Analogous

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



95.8360, -1.3981, -18.2732



94.9150, 5.4649, -26.2355



95.3970, 11.1433, -27.5352

# Triad

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



94.9150, 5.4649, -26.2355



102.3350, 8.7088, 6.7222



100.5860, -12.1209, 14.3951

# Complementary

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



94.9150, 5.4649, -26.2355



78.0850, -5.4649, 26.2355

# 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.



101.4280, -9.0850, 20.6726



94.9150, 5.4649, -26.2355



102.7940, 2.5666, 16.8437

# Square

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



94.9150, 5.4649, -26.2355



100.8710, 12.3886, -6.9029



102.2200, -3.5595, 21.7321



99.5200, -12.0884, 3.9290



# Rectangle

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



94.9150, 5.4649, -26.2355



96.8860, 12.8742, -22.7020



102.2200, -3.5595, 21.7321



101.1240, -11.4001, 16.5543

# Sweetspot

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



94.9150, 5.4649, -26.2355



134.8030, 2.0691, -10.3512



90.8390, -12.7386, -20.9068



68.0100, 1.4741, -6.1478



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



94.9150, 5.4649, -26.2355



119.6250, 8.5659, -40.8901



83.9900, 11.8369, -16.6542



52.0920, 0.4476, -3.5887



81.4470, 15.0626, -71.4290



170.3770, 30.8731, -149.4206



# Inverse Universe

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



78.0850, -5.4649, 26.2355



93.3750, -8.5659, 40.8901



89.0100, -11.8369, 16.6542



49.7940, -0.8844, 3.6887



35.5530, -15.0626, 71.4290

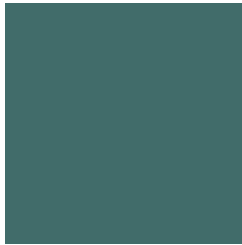


74.5090, -31.3099, 149.5206



# Previews

## White Background



This preview shows how the YUV color 94.9150, 5.4649, -26.2355 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 94.9150, 5.4649, -26.2355 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

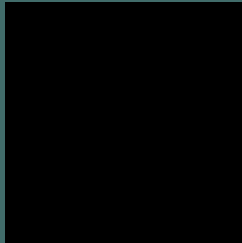
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 94.9150, 5.4649, -26.2355**

## **Background**



This preview shows how black text looks on a background with the YUV color 94.9150, 5.4649, -26.2355.



This preview shows how white text looks on a background with the YUV color 94.9150, 5.4649, -26.2355.

-26.2355.

# 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

94.9150, 5.4649, -26.2355

### Protanopia

100.7120, 0.1420, 1.1296

### Deuteranopia

100.9450, 3.4781, 4.4332



## Tritanopia

96.2510, 9.2433, -24.7761

# Trichromacy



## Original Color

94.9150, 5.4649, -26.2355

## Protanomaly

98.8140, 2.0637, -8.6069

## Deuteranomaly

98.6940, 4.0949, -6.7476

## Tritanomaly

95.6100, 8.0803, -25.0910

# Monochromacy



## Original Color

94.9150, 5.4649, -26.2355

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

95.1020, 1.9217, -9.7365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.9150, 5.4649, -26.2355 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(65, 108, 106)` looks like.

```
.text, #text, p{  
    color:rgb(65, 108, 106)  
}
```

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(65, 108, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 108, 106) }
```

## Border

The CSS property to change the border of an element to YUV 94.9150, 5.4649, -26.2355 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(65, 108, 106) }
```



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

```
.border{ border-color:rgb(65, 108, 106) }
```

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

Here you see how a box with a 4 pixel rgb(65, 108, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 108, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 108, 106);  
box-shadow:4px 4px 4px 4px rgb(65, 108,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 94.9150, 5.4649, -26.2355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 108, 106) }
```

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

```
.background{ background-color: rgb(65, 108,  
106) }
```

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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