

# Converting Colors

YUV(123.9560, 9.8817,  
-42.9344)

Have a look what the booklet for  
YUV(123.9560, 9.8817, -42.9344)  
contains.

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# Color

**YUV(123.9560, 9.8817,  
-42.9344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B9190
RGB	75, 145, 144
RGB Percent	29%, 57%, 56%
CMY	0.7059, 0.4314, 0.4353
CMYK	0.48, 0.00, 0.01, 0.43
HSL	179°, 32%, 43%
HSV	179°, 48%, 57%
XYZ	18.0611, 23.7603, 30.0198
YIQ	123.9560, -41.3990, -15.1510

# Conversions

## Conversions Part 2

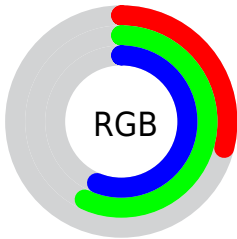
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 110, 145
Decimal	4952464
CIE <sub>Lab</sub>	55.85, -22.23, -6.30
CIE <sub>LCh</sub>	56, 23.103, 195.815
Y <sub>xy</sub>	23.7603, 0.2514, 0.3307
Android (android.graphics.Color)	4283142544 (0xFF4B9190)
Y <sub>UV</sub>	123.9560, 9.8817, -42.9344
Hunter-Lab	48.7445, -19.1641, -2.3932

# Details

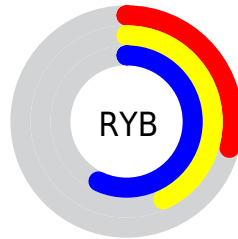
The YUV color **123.9560, 9.8817, -42.9344** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96.0440, -9.8817, 42.9344**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9560, 9.8817, -42.9344**, and **69.7810, 11.9400, -49.7969** is the 20% darker color. If you saturate the color by 10%, you get **119.7700, 11.9454, -51.5413**, and if you desaturate by 10%, it is **128.4410, 7.6706, -33.7128**.

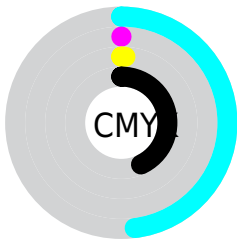
# Distribution



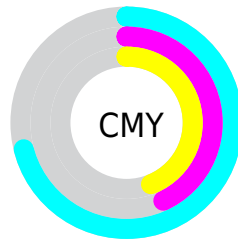
- Red (29%)
- Green (57%)
- Blue (56%)



- Red (29%)
- Yellow (43%)
- Blue (57%)



- Cyan (48%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)



- Cyan (71%)
- Magenta (43%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.9560, 9.8817, -42.9344 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 123.9560, 9.8817, -42.9344 by changing the saturation by 10% instead.




 123.9560, 9.8817,  
-42.9344

 123.9560, 9.8817,  
-42.9344

255.0000, 0.0000,  
0.0000

 97.3580, 10.1765,  
-44.1640


 177.9560, 9.8817,  
-42.9344

 69.7810, 11.9400,  
-49.7969


 205.9560, 9.8817,  
-42.9344


 49.0700, 10.3185,  
-43.0344

 233.9560, 9.8817,  
-42.9344

 33.0610, 7.3649,  
-28.9945

 242.4420, 6.1911,  
-25.8206

 19.5140, 3.6906,  
-17.1138

 251.1130, 1.9163,  
-7.9921

 0.0000, 0.0000,  
0.0000

■ 123.9560, 9.8817,  
-42.9344

■ 123.9560, 9.8817,  
-42.9344

■ 119.7700, 11.9454,  
-51.5413

■ 128.4410, 7.6706,  
-33.7128

■ 115.2850, 14.1565,  
-60.7629

■ 132.6270, 5.6069,  
-25.1059

■ 110.6860, 15.9308,  
-69.8846

■ 136.9270, 3.9800,  
-16.5990

■ 106.5000, 17.9945,  
-78.4915

■ 141.4120, 1.7689,  
-7.3773

■ 102.0150, 20.2056,  
-87.7132

■ 145.5980, -0.2948,  
1.2296

■ 101.4170, 20.5004,  
-88.9427

■ 150.0830, -2.5059,  
10.4512

■ 154.5680, -4.7170,  
19.6729

■ 158.8680, -6.3439,

28.1798

■ 163.3530, -8.5550,  
37.4014

# Harmonies

## Analogous

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



126.0580, -1.5076, -29.8689



123.9560, 9.8817, -42.9344



124.8340, 18.3228, -43.7044

# Triad

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



123.9560, 9.8817, -42.9344



136.6930, 12.4764, 11.6702



133.4960, -18.9785, 20.6130

# Complementary

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



123.9560, 9.8817, -42.9344



96.0440, -9.8817, 42.9344

# 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.



135.1150, -14.3537, 30.5941



123.9560, 9.8817, -42.9344



137.0880, 3.4076, 27.1098

# Square

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



123.9560, 9.8817, -42.9344



134.1680, 18.6512, -8.9173



136.0150, -5.9234, 33.3128



131.6250, -18.0561, 4.7139



# Rectangle

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



123.9560, 9.8817, -42.9344



127.5730, 20.9165, -35.5825



136.0150, -5.9234, 33.3128



134.1590, -17.8264, 24.4166

# Sweetspot

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



123.9560, 9.8817, -42.9344



180.8130, 3.5432, -16.4990



116.3890, -20.4048, -35.4212



89.2160, 2.3585, -9.8364



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



123.9560, 9.8817, -42.9344



155.8820, 15.3412, -67.4255



104.1120, 20.1578, -25.5312



68.9070, 1.0318, -4.3034



94.4070, 19.0263, -82.7949



5.6080, 1.1793, -4.9182



# Inverse Universe

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



96.0440, -9.8817, 42.9344



112.1180, -15.3412, 67.4255



115.8880, -20.1578, 25.5312



66.0930, -1.0318, 4.3034



40.5930, -19.0263, 82.7949

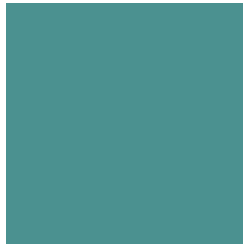


2.3920, -1.1793, 4.9182



# Previews

## White Background



This preview shows how the YUV color 123.9560, 9.8817, -42.9344 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 123.9560, 9.8817, -42.9344 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

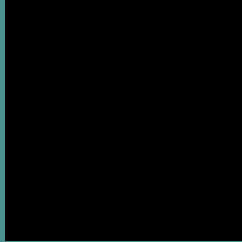
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

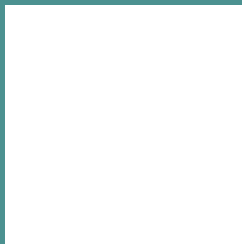
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 123.9560, 9.8817, -42.9344

## Background



This preview shows how black text looks on a background with the YUV color 123.9560, 9.8817, -42.9344.



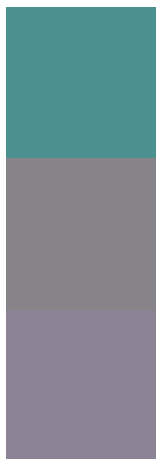
This preview shows how white text looks on a background with the YUV color 123.9560, 9.8817,

-42.9344.

# 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

123.9560, 9.8817, -42.9344

### Protanopia

133.0540, 1.4524, 0.8296

### Deuteranopia

134.6290, 6.0989, 3.8334



## Tritanopia

125.2320, 14.6756, -40.5455

# Trichromacy



## Original Color

123.9560, 9.8817, -42.9344

## Protanomaly

130.0520, 4.4114, -14.9546

## Deuteranomaly

130.5730, 7.6055, -12.7805

## Tritanomaly

125.0640, 12.7864, -41.2751

# Monochromacy



## Original Color

123.9560, 9.8817, -42.9344

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

124.1120, 3.3958, -15.8842

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.9560, 9.8817, -42.9344 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(75, 145, 144)` looks like.

```
.text, #text, p{  
    color:rgb(75, 145, 144)  
}
```

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(75, 145, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 145, 144) }
```

## Border

The CSS property to change the border of an element to YUV 123.9560, 9.8817, -42.9344 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(75, 145, 144) }
```



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

```
.border{ border-color:rgb(75, 145, 144) }
```

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

Here you see how a box with a 4 pixel rgb(75, 145, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 145, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 145, 144);  
box-shadow:4px 4px 4px 4px rgb(75, 145,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 123.9560, 9.8817, -42.9344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 145, 144) }
```

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

```
.background{ background-color: rgb(75, 145,  
144) }
```

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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