

# Converting Colors

YUV(56.9540, 2.9807, -22.7617)

Have a look what the booklet for  
YUV(56.9540, 2.9807, -22.7617)  
contains.

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# Color

**YUV(56.9540, 2.9807,  
-22.7617)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F453F
RGB	31, 69, 63
RGB Percent	12%, 27%, 25%
CMY	0.8784, 0.7294, 0.7529
CMYK	0.55, 0.00, 0.09, 0.73
HSL	171°, 38%, 20%
HSV	171°, 55%, 27%
XYZ	3.5904, 4.9064, 5.4604
YIQ	56.9540, -20.7220, -9.9220

# Conversions

## Conversions Part 2

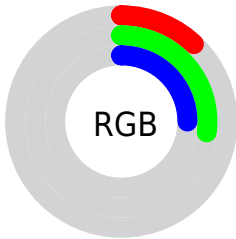
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 52, 69
Decimal	2049343
CIELab	26.47, -15.28, -0.54
CIELCh	26, 15.288, 182.009
Yxy	4.9064, 0.2572, 0.3515
Android (android.graphics.Color)	4280239423 (0xFF1F453F)
YUV	56.9540, 2.9807, -22.7617
Hunter-Lab	22.1505, -9.8300, 0.8894

# Details

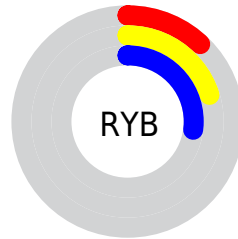
The YUV color **56.9540, 2.9807, -22.7617** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **43.0460, -2.9807, 22.7617**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9540, 2.9807, -22.7617**, and **18.2430, 1.3592, -15.9991** is the 20% darker color. If you saturate the color by 10%, you get **54.7470, 3.5757, -26.9651**, and if you desaturate by 10%, it is **59.1610, 2.3856, -18.5582**.

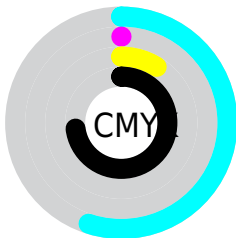
# Distribution



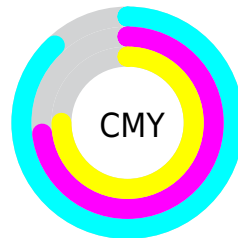
- Red (12%)
- Green (27%)
- Blue (25%)



- Red (12%)
- Yellow (20%)
- Blue (27%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (73%)



- Cyan (88%)
- Magenta (73%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 56.9540, 2.9807, -22.7617 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 56.9540, 2.9807, -22.7617 by changing the saturation by 10% instead.



■ 56.9540, 2.9807,  
-22.7617

■ 56.9540, 2.9807,  
-22.7617

■ 255.0000, 0.0000,  
0.0000

■ 34.0570, 3.4229,  
-24.6060

■ 104.9540, 2.9807,  
-22.7617

■ 18.2430, 1.3592,  
-15.9991

■ 130.5410, 2.6913,  
-23.2765

■ 0.0000, 0.0000,  
0.0000

■ 156.8290, 2.5493,  
-24.4060

■ 183.8290, 2.5493,  
-24.4060

■ 211.5300, 2.6967,  
-25.0208

■ 240.1170, 2.4073,

-25.5356

250.2160, 2.3585,  
-9.8364

56.9540, 2.9807,  
-22.7617

56.9540, 2.9807,  
-22.7617

54.7470, 3.5757,  
-26.9651

59.1610, 2.3856,  
-18.5582

52.5400, 4.1708,  
-31.1686

61.3680, 1.7906,  
-14.3547

50.3330, 4.7658,  
-35.3720

63.5750, 1.1955,  
-10.1513

48.1260, 5.3609,  
-39.5755

65.7820, 0.6005,  
-5.9478

47.1150, 5.3663,  
-41.3199

67.9890, 0.0054,  
-1.7444

■ 70.0110, -0.0054,  
1.7444

■ 72.2180, -0.6005,  
5.9478

■ 74.4250, -1.1955,  
10.1513

■ 76.6320, -1.7906,  
14.3547

# Harmonies

## Analogous

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



58.8860, -3.8878, -13.0550



56.9540, 2.9807, -22.7617



56.2290, 9.2541, -28.2648

# Triad

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



56.9540, 2.9807, -22.7617



63.4160, 9.1619, 1.3892



62.7540, -10.2317, 15.1247

# Complementary

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



56.9540, 2.9807, -22.7617



43.0460, -2.9807, 22.7617

# 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.



63.5140, -6.1694, 18.8432



56.9540, 2.9807, -22.7617



64.6300, 4.6194, 11.7255

# Square

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



56.9540, 2.9807, -22.7617



61.1370, 12.2575, -11.5211



64.1810, -1.0752, 18.2583



61.7700, -11.2256, 7.2177



# Rectangle

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



56.9540, 2.9807, -22.7617



57.5220, 11.5747, -25.8908



64.1810, -1.0752, 18.2583



63.1070, -8.9268, 16.5692

# Sweetspot

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



56.9540, 2.9807, -22.7617



84.2870, 1.3375, -9.0217



55.1000, -11.8813, -15.8737



43.0810, 0.4531, -5.3330



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000



# Same Dimension

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



56.9540, 2.9807, -22.7617



70.3330, 4.7658, -35.3720



50.0070, 9.3635, -16.6691



34.6900, 0.1528, -2.3591



67.6890, 8.0413, -59.3633



155.0230, 17.7367, -135.9552



# Inverse Universe

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



43.0460, -2.9807, 22.7617



48.7810, -4.3290, 35.2721



49.9930, -9.3635, 16.6691



33.3100, -0.1528, 2.3591



31.4250, -7.6045, 59.2633



71.9770, -17.7367, 135.9552



# Previews

## White Background



This preview shows how the YUV color 56.9540, 2.9807, -22.7617 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

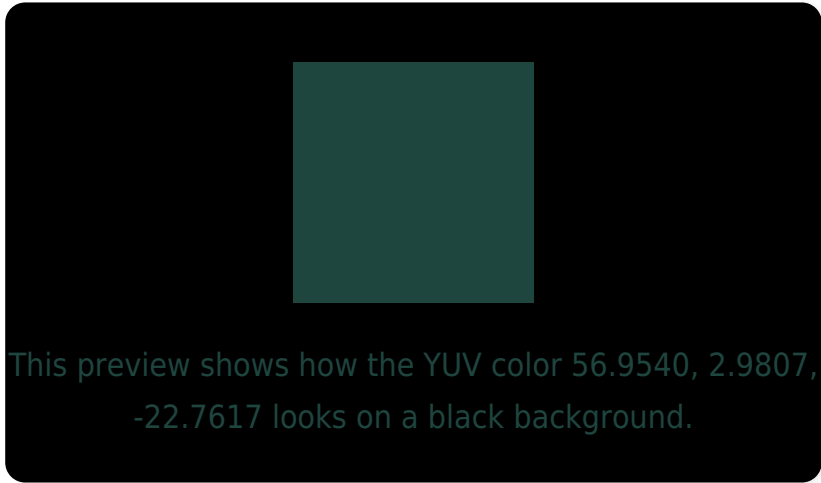
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

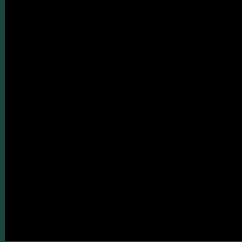
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 56.9540, 2.9807, -22.7617

## Background



This preview shows how black text looks on a background with the YUV color 56.9540, 2.9807, -22.7617.



This preview shows how white text looks on a background with the YUV color 56.9540, 2.9807, -22.7617.

-22.7617.

# 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

56.9540, 2.9807, -22.7617

### Protanopia

62.2560, -1.6052, 1.5295

### Deuteranopia

63.2500, 0.8628, 3.2888



## Tritanopia

58.7030, 7.0484, -20.7875

# Trichromacy



## Original Color

56.9540, 2.9807, -22.7617

## Protanomaly

60.5430, -0.2677, -7.4922

## Deuteranomaly

61.0100, 1.4741, -6.1478

## Tritanomaly

57.9480, 5.4486, -21.0024

# Monochromacy



## Original Color

56.9540, 2.9807, -22.7617

## Achromatopsia

57.0000, 0.0000, 0.0000

## Achromatomaly

56.8850, 1.0427, -7.7921

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 56.9540, 2.9807, -22.7617 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(31, 69, 63)` looks like.

```
.text, #text, p{  
    color:rgb(31, 69, 63)  
}
```

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(31, 69, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 69, 63) }
```

## Border

The CSS property to change the border of an element to YUV 56.9540, 2.9807, -22.7617 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(31, 69, 63) }
```



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

```
.border{ border-color:rgb(31, 69, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 69, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 69, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 69, 63);  
box-shadow:4px 4px 4px 4px rgb(31, 69, 63)  
}
```

# Background

The CSS property to change the background color of an element to YUV 56.9540, 2.9807, -22.7617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 69, 63) }
```

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

```
.background{ background-color: rgb(31, 69,  
63) }
```

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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