

# Converting Colors

YUV(92.9560, 0.0217, -6.9774)

Have a look what the booklet for  
YUV(92.9560, 0.0217, -6.9774)  
contains.

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# Color

**YUV(92.9560, 0.0217,  
-6.9774)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55615D
RGB	85, 97, 93
RGB Percent	33%, 38%, 36%
CMY	0.6667, 0.6196, 0.6353
CMYK	0.12, 0.00, 0.04, 0.62
HSL	160°, 7%, 36%
HSV	160°, 12%, 38%
XYZ	9.9968, 11.2710, 12.0046
YIQ	92.9560, -5.8680, -3.7880

# Conversions

## Conversions Part 2

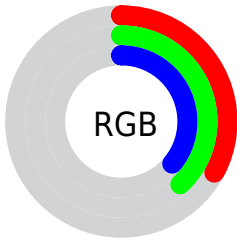
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 92, 97
Decimal	5595485
CIE Lab	40.03, -5.50, 0.71
CIE LCh	40, 5.550, 172.677
Yxy	11.2710, 0.3005, 0.3387
Android (android.graphics.Color)	4283785565 (0xFF55615D)
YUV	92.9560, 0.0217, -6.9774
Hunter-Lab	33.5723, -5.5998, 2.3001

# Details

The YUV color **92.9560, 0.0217, -6.9774** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89.0440, -0.0217, 6.9774**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.5430, -0.2677, -7.4922**, and **47.2550, -0.1257, -6.3626** is the 20% darker color. If you saturate the color by 10%, you get **89.6240, 0.1854, -12.8252**, and if you desaturate by 10%, it is **96.2880, -0.1420, -1.1296**.

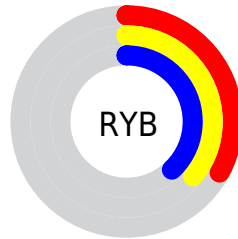
# Distribution



Red (33%)

Green (38%)

Blue (36%)



Red (33%)

Yellow (36%)

Blue (38%)

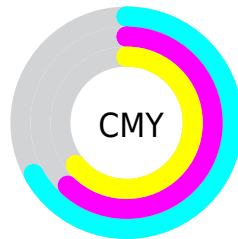


Cyan (12%)

Magenta (0%)

Yellow (4%)

Black (62%)



Cyan (67%)

Magenta (62%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 92.9560, 0.0217, -6.9774 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 92.9560, 0.0217, -6.9774 by changing the saturation by 10% instead.



■ 92.9560, 0.0217,  
-6.9774

■ 92.9560, 0.0217,  
-6.9774

■ 255.0000, 0.0000,  
0.0000

■ 69.2550, -0.1257,  
-6.3626

■ 143.5430, -0.2677,  
-7.4922

■ 47.2550, -0.1257,  
-6.3626

■ 169.6570, 0.1691,  
-7.5922

■ 26.2550, -0.1257,  
-6.3626

■ 197.2440, -0.1203,  
-8.1070

■ 0.0000, 0.0000,  
0.0000

■ 225.2440, -0.1203,  
-8.1070

■ 251.5970, 1.1847,  
-6.6626

■ 92.9560, 0.0217,  
-6.9774

■ 92.9560, 0.0217,  
-6.9774

■ 89.6240, 0.1854,  
-12.8252

■ 96.2880, -0.1420,  
-1.1296

■ 86.5910, 0.2016,  
-18.0583

■ 99.3210, -0.1583,  
4.1035

■ 83.1450, -0.0715,  
-23.8062

■ 102.7670, 0.1149,  
9.8513

■ 79.8130, 0.0922,  
-29.6540

■ 106.0990, -0.0488,  
15.6992

■ 76.7800, 0.1085,  
-34.8871

■ 109.1320, -0.0651,  
20.9322

■ 73.4480, 0.2721,  
-40.7349

■ 112.4640, -0.2288,  
26.7801

■ 70.0020, -0.0010,  
-46.4828

■ 115.9100, 0.0444,  
32.5279

■ 66.6700, 0.1627,

■ 119.2420, -0.1193,

-52.3306

38.3758

■ 64.3490, 0.3209,  
-56.4341

■ 122.2750, -0.1356,  
43.6088

# Harmonies

## Analogous

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



93.1090, -2.0257, -3.6036



92.9560, 0.0217, -6.9774



92.9280, 2.5005, -8.7069

# Triad

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



92.9560, 0.0217, -6.9774



95.0260, 3.9312, -0.8998



94.7190, -3.8055, 7.2624

# Complementary

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



92.9560, 0.0217, -6.9774



89.0440, -0.0217, 6.9774

# 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.



94.8870, -1.9163, 7.9921



92.9560, 0.0217, -6.9774



95.0050, 2.4625, 3.5036

# Square

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



92.9560, 0.0217, -6.9774



93.8190, 4.5262, -5.1033



95.1580, 0.4151, 6.8774



94.4690, -4.6682, 3.9737



# Rectangle

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



92.9560, 0.0217, -6.9774



93.4550, 3.2267, -8.2920



95.1580, 0.4151, 6.8774



95.1320, -3.5161, 7.7772

# Sweetspot

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



92.9560, 0.0217, -6.9774



123.2770, -0.1366, -2.8739



93.2400, -4.0623, -3.7185



62.9890, 0.0054, -1.7444



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



92.9560, 0.0217, -6.9774



118.6350, 0.1799, -11.0809



92.2380, 2.3477, -6.3477



46.6900, 0.1528, -2.3591



74.2940, 0.3481, -65.1558



159.1200, 0.4338, -139.5482



# Inverse Universe

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



89.0440, -0.0217, 6.9774



112.3650, -0.1799, 11.0809



89.7620, -2.3477, 6.3477



45.3100, -0.1528, 2.3591



37.7060, -0.3481, 65.1558



80.8800, -0.4338, 139.5482



# Previews

## White Background



This preview shows how the YUV color 92.9560, 0.0217, -6.9774 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 92.9560, 0.0217, -6.9774 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

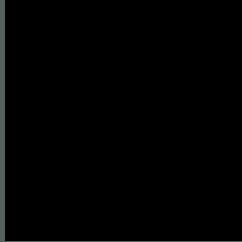
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 92.9560, 0.0217, -6.9774**

## **Background**



This preview shows how black text looks on a background with the YUV color 92.9560, 0.0217, -6.9774.



This preview shows how white text looks on a background with the YUV color 92.9560, 0.0217, -6.9774.

-6.9774.

# 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

92.9560, 0.0217, -6.9774

### Protanopia

94.5550, -1.7526, 2.1443

### Deuteranopia

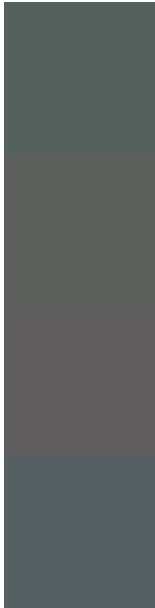
94.9300, -0.4585, 7.0774



## Tritanopia

93.5200, 4.6736, -5.7180

# Trichromacy



## Original Color

92.9560, 0.0217, -6.9774

## Protanomaly

94.0600, -1.0156, -0.9296

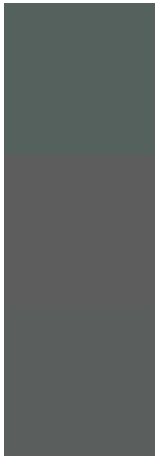
## Deuteranomaly

94.0110, -0.0054, 1.7444

## Tritanomaly

93.3520, 2.7845, -6.4477

# Monochromacy



## Original Color

92.9560, 0.0217, -6.9774

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

92.6900, 0.1528, -2.3591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 92.9560, 0.0217, -6.9774 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(85, 97, 93)` looks like.

```
.text, #text, p{  
    color:rgb(85, 97, 93)  
}
```

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(85, 97, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 97, 93) }
```

## Border

The CSS property to change the border of an element to YUV 92.9560, 0.0217, -6.9774 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(85, 97, 93) }
```



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

```
.border{ border-color:rgb(85, 97, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 97, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 97, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 97, 93);  
box-shadow:4px 4px 4px 4px rgb(85, 97, 93)  
}
```

# Background

The CSS property to change the background color of an element to YUV 92.9560, 0.0217, -6.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 97, 93) }
```

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

```
.background{ background-color: rgb(85, 97,  
93) }
```

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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