

# Converting Colors

YUV(93.2450, -18.3618, 9.4321)

Have a look what the booklet for  
YUV(93.2450, -18.3618, 9.4321)  
contains.

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# Color

**YUV(93.2450, -18.3618,  
9.4321)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685F38
RGB	104, 95, 56
RGB Percent	41%, 37%, 22%
CMY	0.5922, 0.6275, 0.7804
CMYK	0.00, 0.09, 0.46, 0.59
HSL	49°, 30%, 31%
HSV	49°, 46%, 41%
XYZ	10.5149, 11.4130, 5.3901
YIQ	93.2450, 17.8830, -10.2210

# Conversions

## Conversions Part 2

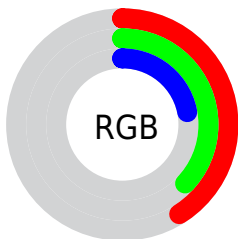
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 104, 56
Decimal	6840120
CIELab	40.27, -2.51, 23.58
CIElCh	40, 23.710, 96.067
Yxy	11.4130, 0.3849, 0.4178
Android (android.graphics.Color)	4285030200 (0xFF685F38)
YUV	93.2450, -18.3618, 9.4321
Hunter-Lab	33.7831, -3.5627, 14.1884

# Details

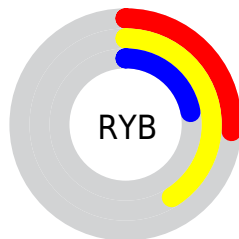
The YUV color **93.2450, -18.3618, 9.4321** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **66.7550, 18.3618, -9.4321**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6150, -19.5302, 10.8616**, and **46.5760, -17.0460, 7.3878** is the 20% darker color. If you saturate the color by 10%, you get **90.9310, -22.1510, 11.4615**, and if you desaturate by 10%, it is **95.5590, -14.5726, 7.4028**.

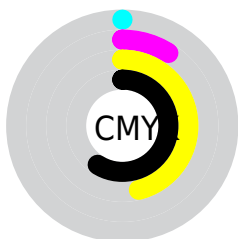
# Distribution



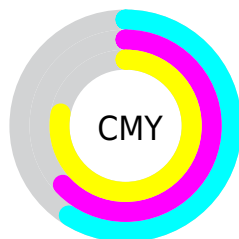
- Red (41%)
- Green (37%)
- Blue (22%)



- Red (26%)
- Yellow (41%)
- Blue (22%)



- Cyan (0%)
- Magenta (9%)
- Yellow (46%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.2450, -18.3618, 9.4321 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 93.2450, -18.3618, 9.4321 by changing the saturation by 10% instead.



■ 93.2450, -18.3618,  
9.4321

■ 93.2450, -18.3618,  
9.4321

255.0000, 0.0000,  
0.0000

■ 69.1740, -17.3408,  
8.6174

■ 143.6150,  
-19.5302, 10.8616

■ 46.5760, -17.0460,  
7.3878

■ 170.3870,  
-20.4038, 11.0616

■ 26.3030, -12.9674,  
5.8733

■ 197.5720,  
-20.9880, 11.7764

■ 1.1740, -0.5788,  
-1.0296

■ 225.7570,  
-21.5722, 12.4911

■ 0.0000, 0.0000,  
0.0000

■ 249.8700,  
-19.6559, 4.4990

■ 253.0620, -7.4256,

1.6996

■ 93.2450, -18.3618,  
9.4321

■ 93.2450, -18.3618,  
9.4321

■ 90.9310, -22.1510,  
11.4615

■ 95.5590, -14.5726,  
7.4028

■ 88.5030, -26.3770,  
13.5909

■ 97.9870, -10.3466,  
5.2734

■ 86.1890, -30.1662,  
15.6202

■ 100.3010, -6.5574,  
3.2440

■ 83.7610, -34.3922,  
17.7496

■ 102.7290, -2.3314,  
1.1147

■ 81.4470, -38.1814,  
19.7790

■ 105.0430, 1.4578,  
-0.9147

■ 80.9910, -39.9286,  
20.1789

■ 107.3570, 5.2470,  
-2.9441

■ 109.7850, 9.4730,  
-5.0734

■ 112.0990, 13.2622,  
-7.1028

■ 114.5270, 17.4882,  
-9.2322

# Harmonies

## Analogous

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



94.6750, -17.0948, 23.0870



93.2450, -18.3618, 9.4321



90.6990, -13.6556, -6.7520

# Triad

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



93.2450, -18.3618, 9.4321



80.0670, 18.2080, -53.5558



97.5650, 6.6235, 22.3065

# Complementary

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



93.2450, -18.3618, 9.4321



66.7550, 18.3618, -9.4321

# 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.



96.5180, 14.5346, 4.8077



93.2450, -18.3618, 9.4321



86.3660, 21.5116, -39.7860

# Square

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



93.2450, -18.3618, 9.4321



82.9730, 7.4083, -42.9493



93.0530, 19.6939, -16.7095



96.9160, -2.4236, 30.7687



# Rectangle

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



93.2450, -18.3618, 9.4321



89.1150, -7.9447, -18.5179



93.0530, 19.6939, -16.7095



97.6290, 9.5499, 16.9884

# Sweetspot

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



93.2450, -18.3618, 9.4321



131.0730, -7.4310, 3.4440



71.4920, -2.7076, 28.5095



66.4580, -4.6628, 2.2293



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



93.2450, -18.3618, 9.4321



118.3460, -28.2716, 14.6056



94.3420, -18.9026, -3.8079



49.8430, -1.8946, 1.0147



88.9760, -43.8652, 22.8230



187.9970, -92.6825, 47.3606



# Inverse Universe

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



66.7550, 18.3618, -9.4321



77.6540, 28.2716, -14.6056



65.6580, 18.9026, 3.8079



47.1570, 1.8946, -1.0147



26.0240, 43.8652, -22.8230



54.0030, 92.6825, -47.3606



# Previews

## White Background



This preview shows how the YUV color 93.2450, -18.3618, 9.4321 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 93.2450, -18.3618, 9.4321 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

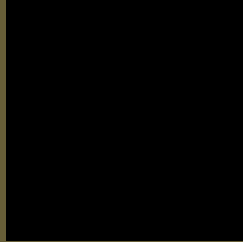
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.2450, -18.3618, 9.4321

## Background



This preview shows how black text looks on a background with the YUV color 93.2450, -18.3618, 9.4321.



This preview shows how white text looks on a background with the YUV color 93.2450, -18.3618,



# 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

93.2450, -18.3618, 9.4321

### Protanopia

93.2450, -18.3618, 9.4321

### Deuteranopia

94.3000, -18.3889, 18.1539



## Tritanopia

96.1800, 0.4043, 10.3661

# Trichromacy



## Original Color

93.2450, -18.3618, 9.4321

## Protanomaly

93.2450, -18.3618, 9.4321

## Deuteranomaly

93.6910, -18.0887, 15.1800

## Tritanomaly

95.3450, -6.5791, 10.2214

# Monochromacy



## Original Color

93.2450, -18.3618, 9.4321

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

93.3010, -6.5574, 3.2440

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.2450, -18.3618, 9.4321 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(104, 95, 56)` looks like.

```
.text, #text, p{  
    color:rgb(104, 95, 56)  
}
```

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(104, 95, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 95, 56) }
```

## Border

The CSS property to change the border of an element to YUV 93.2450, -18.3618, 9.4321 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(104, 95, 56) }
```



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

```
.border{ border-color:rgb(104, 95, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 95, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 95, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 95, 56);  
box-shadow:4px 4px 4px 4px rgb(104, 95,  
56) }
```

# Background

The CSS property to change the background color of an element to YUV 93.2450, -18.3618, 9.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 95, 56) }
```

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

```
.background{ background-color: rgb(104, 95,  
56) }
```

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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