

# Converting Colors

YUV(90.1130, -1.0417, 54.2749)

Have a look what the booklet for  
YUV(90.1130, -1.0417, 54.2749)  
contains.

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# Color

**YUV(90.1130, -1.0417,  
54.2749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	983B58
RGB	152, 59, 88
RGB Percent	60%, 23%, 35%
CMY	0.4039, 0.7686, 0.6549
CMYK	0.00, 0.61, 0.42, 0.40
HSL	341°, 44%, 41%
HSV	341°, 61%, 60%
XYZ	16.2743, 10.5079, 10.4030
YIQ	90.1130, 46.1190, 28.7350

# Conversions

## Conversions Part 2

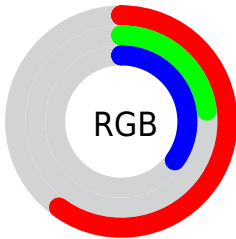
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 59, 88
Decimal	9976664
CIE Lab	38.74, 41.70, 2.95
CIE LCh	39, 41.806, 4.041
Yxy	10.5079, 0.4377, 0.2826
Android (android.graphics.Color)	4288166744 (0xFF983B58)
YUV	90.1130, -1.0417, 54.2749
Hunter-Lab	32.4159, 32.8876, 3.6636

# Details

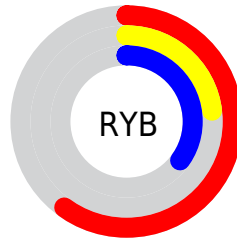
The YUV color **90.1130, -1.0417, 54.2749** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **120.8870, 1.0417, -54.2749**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3800, -2.6523, 57.5487**, and **33.9050, 4.4838, 55.3343** is the 20% darker color. If you saturate the color by 10%, you get **80.1680, -1.0688, 62.9967**, and if you desaturate by 10%, it is **100.0580, -1.0146, 45.5531**.

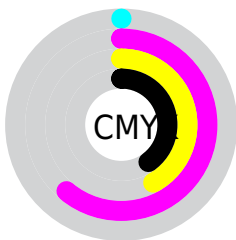
# Distribution



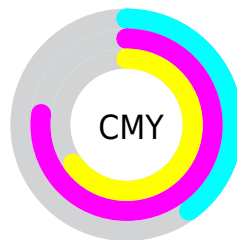
- Red (60%)
- Green (23%)
- Blue (35%)



- Red (60%)
- Yellow (23%)
- Blue (35%)



- Cyan (0%)
- Magenta (61%)
- Yellow (42%)
- Black (40%)



- Cyan (40%)
- Magenta (77%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 90.1130, -1.0417, 54.2749 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 90.1130, -1.0417, 54.2749 by changing the saturation by 10% instead.



90.1130, -1.0417,  
54.2749

90.1130, -1.0417,  
54.2749

255.0000, 0.0000,  
0.0000

63.8570, 0.5635,  
52.7454

143.3800, -2.6523,  
57.5487

33.9050, 4.4838,  
55.3343

170.5760, -3.2420,  
60.0078

23.5520, -0.2721,  
40.7349

194.2870, -1.6205,  
53.2453

14.2810, -6.0545,  
28.6946

213.9150, 2.5069,  
36.0315

0.0000, 0.0000,  
0.0000

234.1300, 6.3449,  
18.3030

252.0650, 1.4470,

2.5740

■ 90.1130, -1.0417,  
54.2749

■ 90.1130, -1.0417,  
54.2749

■ 80.1680, -1.0688,  
62.9967

■ 100.0580, -1.0146,  
45.5531

■ 70.1090, -1.5327,  
71.8184

■ 110.1170, -0.5507,  
36.7314

■ 59.5770, -1.2705,  
81.0550

■ 120.6490, -0.8130,  
27.4948

■ 50.8060, -1.8764,  
88.7471

■ 130.7080, -0.3490,  
18.6731

■ 140.6530, -0.3219,  
9.9513

■ 150.7120, 0.1420,  
1.1296

■ 160.6570, 0.1691,  
-7.5922

■ 171.3030, 0.3436,  
-16.9287

■ 181.2480, 0.3707,  
-25.6505

# Harmonies

## Analogous

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



93.3140, 14.1422, 37.4356



90.1130, -1.0417, 54.2749



88.9760, -16.7502, 52.6410

# Triad

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



90.1130, -1.0417, 54.2749



83.0500, -26.1536, -11.4448



77.2020, 36.8754, -67.7062

# Complementary

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



90.1130, -1.0417, 54.2749



120.8870, 1.0417, -54.2749

# 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.



77.4010, 24.9453, -67.8807



90.1130, -1.0417, 54.2749



69.3720, -4.6204, -58.2082

# Square

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



90.1130, -1.0417, 54.2749



86.5220, -35.2603, 16.2052



73.6390, 10.5310, -64.5814



76.5930, 40.6267, -57.5251



# Rectangle

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



90.1130, -1.0417, 54.2749



89.1030, -26.1798, 43.7597



73.6390, 10.5310, -64.5814



77.6920, 33.6758, -68.1359

# Sweetspot

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



90.1130, -1.0417, 54.2749



172.7190, -0.3545, 20.4174



88.7380, 31.1882, 30.0478



84.9630, -0.4748, 12.3104



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



90.1130, -1.0417, 54.2749



100.8870, -1.4233, 83.4141



96.7860, -18.6285, 48.4227



71.6200, -0.3057, 4.7183



46.8760, -1.4179, 81.6697



4.3430, -0.1691, 7.5922



# Inverse Universe

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



90.1130, -1.0417, 54.2749



100.8870, -1.4233, 83.4141



114.2140, 18.6285, -48.4227



71.6200, -0.3057, 4.7183



46.8760, -1.4179, 81.6697

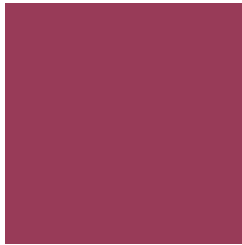


4.3430, -0.1691, 7.5922



# Previews

## White Background



This preview shows how the YUV color 90.1130, -1.0417, 54.2749 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 90.1130, -1.0417, 54.2749 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

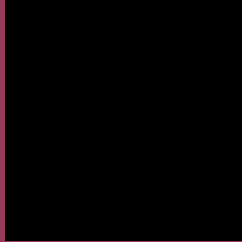
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 90.1130, -1.0417, 54.2749**

## **Background**



This preview shows how black text looks on a background with the YUV color 90.1130, -1.0417, 54.2749.



This preview shows how white text looks on a background with the YUV color 90.1130, -1.0417,



# 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

90.1130, -1.0417, 54.2749

### Protanopia

92.2260, 7.2836, -2.8292

### Deuteranopia

92.9150, -4.3951, 9.7215



## Tritanopia

89.7680, -11.2246, 53.7005

# Trichromacy



## Original Color

90.1130, -1.0417, 54.2749

## Protanomaly

91.2610, 4.3083, 18.1881

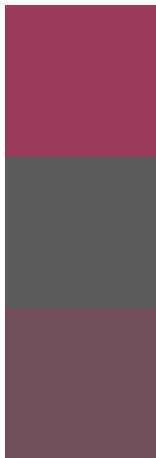
## Deuteranomaly

91.6550, -3.2809, 25.7356

## Tritanomaly

90.0930, -7.4408, 53.4154

# Monochromacy



## Original Color

90.1130, -1.0417, 54.2749

## Achromatopsia

90.0000, 0.0000, 0.0000

## Achromatomaly

90.3060, -0.6439, 19.9026

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 90.1130, -1.0417, 54.2749 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(152, 59, 88)` looks like.

```
.text, #text, p{  
  color:rgb(152, 59, 88)  
}
```

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(152, 59, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 59, 88) }
```

## Border

The CSS property to change the border of an element to YUV 90.1130, -1.0417, 54.2749 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(152, 59, 88) }
```



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

```
.border{ border-color:rgb(152, 59, 88) }
```

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

Here you see how a box with a 4 pixel rgb(152, 59, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 59, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 59, 88);  
box-shadow:4px 4px 4px 4px rgb(152, 59,  
88) }
```

# Background

The CSS property to change the background color of an element to YUV 90.1130, -1.0417, 54.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 59, 88) }
```

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

```
.background{ background-color: rgb(152, 59,  
88) }
```

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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