

Converting Colors

YUV(90.9020, -4.3887, 54.4599)

Have a look what the booklet for
YUV(90.9020, -4.3887, 54.4599)
contains.

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Color

**YUV(90.9020, -4.3887,
54.4599)**

Conversions

Conversions Part 1

Format	Color
Hex	993D52
RGB	153, 61, 82
RGB Percent	60%, 24%, 32%
CMY	0.4000, 0.7608, 0.6784
CMYK	0.00, 0.60, 0.46, 0.40
HSL	346°, 43%, 42%
HSV	346°, 60%, 60%
XYZ	16.3286, 10.7190, 9.1910
YIQ	90.9020, 48.0910, 26.0350

Conversions

Conversions Part 2

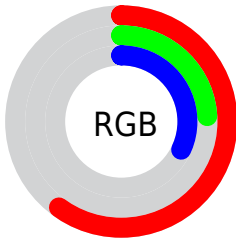
Format	Color
R_{YB}	153, 61, 82
Decimal	10042706
CIE _{Lab}	39.10, 40.44, 7.27
CIE _{LCh}	39, 41.090, 10.194
Yxy	10.7190, 0.4506, 0.2958
Android (android.graphics.Color)	4288232786 (0xFF993D52)
YUV	90.9020, -4.3887, 54.4599
Hunter-Lab	32.7399, 31.7299, 6.2735

Details

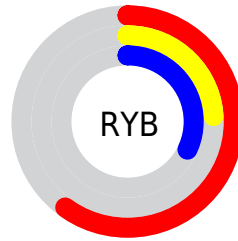
The YUV color **90.9020, -4.3887, 54.4599** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **123.0980, 4.3887, -54.4599**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3540, -6.5835, 58.4485**, and **35.3950, 1.2843, 54.9046** is the 20% darker color. If you saturate the color by 10%, you get **80.7290, -5.2894, 63.3817**, and if you desaturate by 10%, it is **101.0750, -3.4880, 45.5382**.

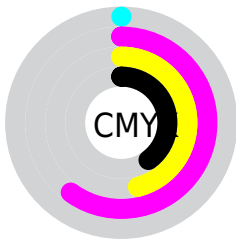
Distribution



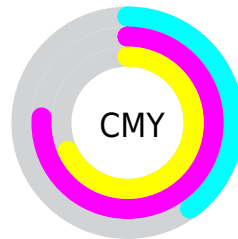
- Red (60%)
- Green (24%)
- Blue (32%)



- Red (60%)
- Yellow (24%)
- Blue (32%)



- Cyan (0%)
- Magenta (60%)
- Yellow (46%)
- Black (40%)





- Cyan (40%)
- Magenta (76%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.9020, -4.3887, 54.4599 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 90.9020, -4.3887, 54.4599 by changing the saturation by 10% instead.


 90.9020, -4.3887,
54.4599


 90.9020, -4.3887,
54.4599


255.0000, 0.0000,
0.0000


 64.6460, -2.7835,
52.9305


 144.3540, -6.5835,
58.4485


 35.3950, 1.2843,
54.9046

 171.2510, -7.0257,
60.2929


 23.1670, -3.0403,
41.9495

 194.6630, -5.2569,
52.9155

 14.2810, -6.0545,
28.6946

 214.2910, -1.1295,
35.7018

 0.0000, 0.0000,
0.0000

 233.9190, 2.9979,
18.4880

 252.6520, 1.1576,

2.0592

■ 90.9020, -4.3887,
54.4599

■ 90.9020, -4.3887,
54.4599

■ 80.7290, -5.2894,
63.3817

■ 101.0750, -3.4880,
45.5382

■ 69.9690, -5.9007,
72.8182

■ 111.8350, -2.8767,
36.1017

■ 59.9100, -6.3646,
81.6399

■ 121.8940, -2.4127,
27.2800

■ 49.7370, -7.2653,
90.5617

■ 132.0670, -1.5120,
18.3582

■ 142.8270, -0.9007,
8.9217

■ 153.0000, 0.0000,
0.0000

■ 163.1730, 0.9007,
-8.9217

■ 173.2320, 1.3646,
-17.7435

■ 183.9920, 1.9759,
-27.1800

Harmonies

Analogous

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



93.4240, 10.6370, 41.7242



90.9020, -4.3887, 54.4599



90.2700, -19.3601, 49.7522

Triad

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



90.9020, -4.3887, 54.4599



83.0430, -22.2062, -17.5777



77.5440, 38.1858, -68.0061

Complementary

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



90.9020, -4.3887, 54.4599



123.0980, 4.3887, -54.4599

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.



78.0850, 27.5661, -68.4805



90.9020, -4.3887, 54.4599



70.5610, -1.2626, -61.8820

Square

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



90.9020, -4.3887, 54.4599



86.9450, -33.4969, 10.5722



75.1380, 13.7360, -65.8960



86.0690, 35.4620, -34.2635

Rectangle

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



90.9020, -4.3887, 54.4599



89.9130, -28.0581, 39.5413



75.1380, 13.7360, -65.8960



78.1480, 35.4230, -68.5358

Sweetspot

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



90.9020, -4.3887, 54.4599



174.6760, -1.8123, 21.3321



92.7170, 29.7195, 34.4512



84.8490, -0.9116, 12.4104



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.



90.9020, -4.3887, 54.4599



102.4050, -7.1017, 84.7138



103.1830, -20.7962, 43.6895



71.6200, -0.3057, 4.7183



45.5080, -6.6594, 82.8695



4.2290, -0.6059, 7.6922

Inverse Universe

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



90.9020, -4.3887, 54.4599



102.4050, -7.1017, 84.7138



110.8170, 20.7962, -43.6895



71.6200, -0.3057, 4.7183



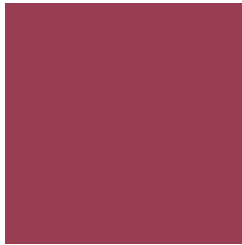
45.5080, -6.6594, 82.8695



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 90.9020, -4.3887, 54.4599 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 90.9020, -4.3887, 54.4599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

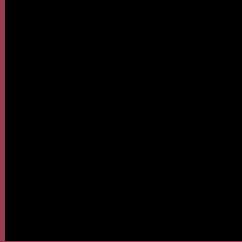
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9020, -4.3887, 54.4599

Background



This preview shows how black text looks on a background with the YUV color 90.9020, -4.3887, 54.4599.



This preview shows how white text looks on a background with the YUV color 90.9020, -4.3887,

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

90.9020, -4.3887, 54.4599

Protanopia

93.0970, 2.9102, -0.0851

Deuteranopia

93.1280, -7.4581, 12.1657



Tritanopia

90.7680, -11.2246, 53.7005

Trichromacy



Original Color

90.9020, -4.3887, 54.4599

Protanomaly

92.5340, 0.2297, 19.7027

Deuteranomaly

92.4550, -6.6333, 27.6650

Tritanomaly

90.7510, -8.7512, 53.7154

Monochromacy



Original Color

90.9020, -4.3887, 54.4599

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0780, -1.5175, 20.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9020, -4.3887, 54.4599 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(153, 61, 82)` looks like.

```
.text, #text, p{  
    color:rgb(153, 61, 82)  
}
```

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(153, 61, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 61, 82) }
```

Border

The CSS property to change the border of an element to YUV 90.9020, -4.3887, 54.4599 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(153, 61, 82) }
```


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

```
.border{ border-color:rgb(153, 61, 82) }
```

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

Here you see how a box with a 4 pixel rgb(153, 61, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 61, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 61, 82);  
box-shadow:4px 4px 4px 4px rgb(153, 61,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 90.9020, -4.3887, 54.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 61, 82) }
```

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

```
.background{ background-color: rgb(153, 61,  
82) }
```

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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