

Converting Colors

YUV(90.5220, -4.6943, 59.1782)

Have a look what the booklet for
YUV(90.5220, -4.6943, 59.1782)
contains.

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Color

**YUV(90.5220, -4.6943,
59.1782)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3A51
RGB	158, 58, 81
RGB Percent	62%, 23%, 32%
CMY	0.3804, 0.7725, 0.6824
CMYK	0.00, 0.63, 0.49, 0.38
HSL	346°, 46%, 42%
HSV	346°, 63%, 62%
XYZ	17.0988, 10.8893, 8.9852
YIQ	90.5220, 52.2170, 28.3530

Conversions

Conversions Part 2

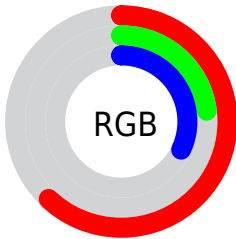
Format	Color
R_{YB}	158, 58, 81
Decimal	10369617
CIE _{Lab}	39.39, 43.49, 8.43
CIE _{LCh}	39, 44.303, 10.972
Yxy	10.8893, 0.4625, 0.2945
Android (android.graphics.Color)	4288559697 (0xFF9E3A51)
YUV	90.5220, -4.6943, 59.1782
Hunter-Lab	32.9989, 34.7439, 6.9553

Details

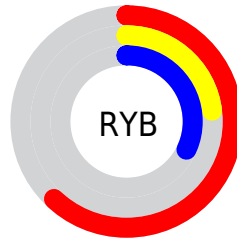
The YUV color **90.5220, -4.6943, 59.1782** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **125.4780, 4.6943, -59.1782**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9740, -6.8892, 63.1668**, and **34.7160, 1.1260, 59.0081** is the 20% darker color. If you saturate the color by 10%, you get **79.7620, -5.3057, 68.6147**, and if you desaturate by 10%, it is **101.2820, -4.0830, 49.7417**.

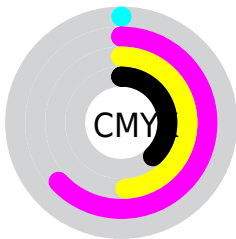
Distribution



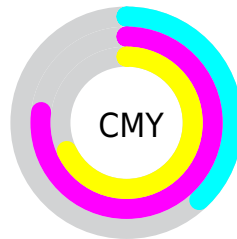
- Red (62%)
- Green (23%)
- Blue (32%)



- Red (62%)
- Yellow (23%)
- Blue (32%)



- Cyan (0%)
- Magenta (63%)
- Yellow (49%)
- Black (38%)



- Cyan (38%)
- Magenta (77%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5220, -4.6943, 59.1782 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 90.5220, -4.6943, 59.1782 by changing the saturation by 10% instead.

■ 90.5220, -4.6943,
59.1782

■ 90.5220, -4.6943,
59.1782

255.0000, 0.0000,
0.0000

■ 63.6790, -2.7997,
58.1635

■ 143.9740, -6.8892,
63.1668

■ 34.7160, 1.1260,
59.0081

■ 171.7570, -7.7682,
65.1111

■ 23.9500, -3.9193,
43.8939

■ 193.3750, -5.1149,
54.0451

■ 15.4770, -6.6442,
31.1537

■ 212.8890, -1.4243,
36.9313

■ 0.0000, 0.0000,
0.0000

■ 233.2180, 2.8505,
19.1028

■ 252.0650, 1.4470,

2.5740

■ 90.5220, -4.6943,
59.1782

■ 90.5220, -4.6943,
59.1782

■ 79.7620, -5.3057,
68.6147

■ 101.2820, -4.0830,
49.7417

■ 69.0020, -5.9170,
78.0512

■ 112.0420, -3.4717,
40.3052

■ 58.8290, -6.8177,
86.9730

■ 122.2150, -2.5710,
31.3834

■ 51.3460, -7.5656,
93.5356

■ 133.0890, -1.5229,
21.8469

■ 143.8490, -0.9116,
12.4104

■ 154.6090, -0.3002,
2.9739

■ 165.3690, 0.3111,
-6.4626

■ 175.5420, 1.2118,
-15.3843

■ 186.3020, 1.8231,
-24.8209

Harmonies

Analogous

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



93.3860, 11.6417, 46.1425



90.5220, -4.6943, 59.1782



90.4230, -21.4075, 53.1260

Triad

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



90.5220, -4.6943, 59.1782



82.5650, -23.9425, -20.6665



78.8150, 40.5172, -69.1208

Complementary

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



90.5220, -4.6943, 59.1782



125.4780, 4.6943, -59.1782

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.



79.2420, 29.4607, -69.4952



90.5220, -4.6943, 59.1782



71.1480, -1.5520, -62.3968

Square

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



90.5220, -4.6943, 59.1782



86.6200, -37.2807, 10.8573



76.5400, 14.0308, -67.1256



84.9590, 38.9672, -38.5520

Rectangle

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



90.5220, -4.6943, 59.1782



90.2400, -30.6843, 41.8855



76.5400, 14.0308, -67.1256



79.4190, 37.7544, -69.6505

Sweetspot

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



90.5220, -4.6943, 59.1782



179.9860, -1.9651, 23.6913



92.4230, 32.3295, 37.3400



88.7460, -1.3538, 14.2548



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



90.5220, -4.6943, 59.1782



101.0470, -7.4182, 92.9208



103.7490, -22.5543, 47.5781



73.6200, -0.3057, 4.7183



46.5190, -6.6649, 84.6138



4.9410, -0.4639, 8.8217

Inverse Universe

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



90.5220, -4.6943, 59.1782



101.0470, -7.4182, 92.9208



112.2510, 22.5543, -47.5781



73.6200, -0.3057, 4.7183



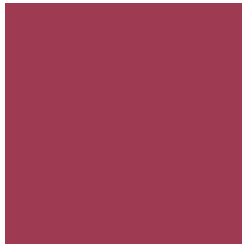
46.5190, -6.6649, 84.6138



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 90.5220, -4.6943, 59.1782 looks on a white background.

Color Contrast Check

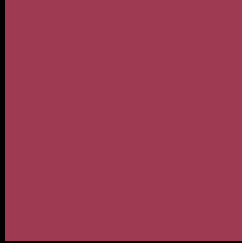
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.5220, -4.6943, 59.1782 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 90.5220, -4.6943, 59.1782

Background



This preview shows how black text looks on a background with the YUV color 90.5220, -4.6943, 59.1782.



This preview shows how white text looks on a background with the YUV color 90.5220, -4.6943,

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

90.5220, -4.6943, 59.1782

Protanopia

94.0970, 2.9102, -0.0851

Deuteranopia

94.0850, -8.9159, 13.0805



Tritanopia

90.1600, -12.4039, 58.6187

Trichromacy



Original Color

90.5220, -4.6943, 59.1782

Protanomaly

92.5450, 0.2243, 21.4470

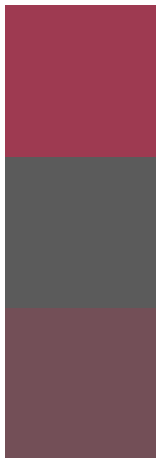
Deuteranomaly

92.6510, -7.2229, 30.1241

Tritanomaly

90.2570, -9.4937, 58.5336

Monochromacy



Original Color

90.5220, -4.6943, 59.1782

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.6760, -1.8123, 21.3321

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5220, -4.6943, 59.1782 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(158, 58, 81)` looks like.

```
.text, #text, p{  
    color:rgb(158, 58, 81)  
}
```

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(158, 58, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 58, 81) }
```

Border

The CSS property to change the border of an element to YUV 90.5220, -4.6943, 59.1782 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(158, 58, 81) }
```


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

```
.border{ border-color:rgb(158, 58, 81) }
```

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

Here you see how a box with a 4 pixel rgb(158, 58, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 58, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 58, 81);  
box-shadow:4px 4px 4px 4px rgb(158, 58,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 90.5220, -4.6943, 59.1782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 58, 81) }
```

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

```
.background{ background-color: rgb(158, 58,  
81) }
```

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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