

Converting Colors

YUV(89.5540, 0.2199, 69.6741)

Have a look what the booklet for
YUV(89.5540, 0.2199, 69.6741)
contains.

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Color

**YUV(89.5540, 0.2199,
69.6741)**

Conversions

Conversions Part 1

Format	Color
Hex	A9315A
RGB	169, 49, 90
RGB Percent	66%, 19%, 35%
CMY	0.3373, 0.8078, 0.6471
CMYK	0.00, 0.71, 0.47, 0.34
HSL	340°, 55%, 43%
HSV	340°, 71%, 66%
XYZ	19.3060, 11.3698, 10.8499
YIQ	89.5540, 58.3590, 38.1910

Conversions

Conversions Part 2

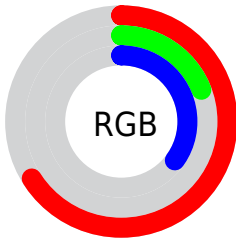
Format	Color
R_{YB}	169, 49, 90
Decimal	11088218
CIE Lab	40.20, 51.69, 4.17
CIE LCh	40, 51.856, 4.610
Yxy	11.3698, 0.4649, 0.2738
Android (android.graphics.Color)	4289278298 (0xFFA9315A)
YUV	89.5540, 0.2199, 69.6741
Hunter-Lab	33.7192, 43.1919, 4.5255

Details

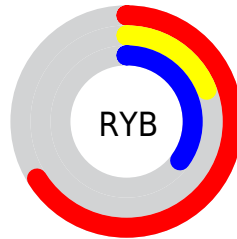
The YUV color **89.5540, 0.2199, 69.6741** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **128.4460, -0.2199, -69.6741**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.1800, -2.5537, 72.6331**, and **38.6180, 3.1463, 64.3560** is the 20% darker color. If you saturate the color by 10%, you get **78.3210, 0.3347, 79.5255**, and if you desaturate by 10%, it is **100.7870, 0.1050, 59.8228**.

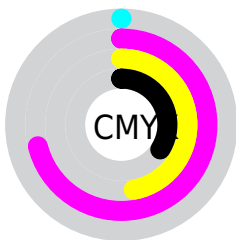
Distribution



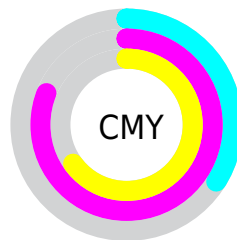
- Red (66%)
- Green (19%)
- Blue (35%)



- Red (66%)
- Yellow (19%)
- Blue (35%)



- Cyan (0%)
- Magenta (71%)
- Yellow (47%)
- Black (34%)




- Cyan (34%)
- Magenta (81%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.5540, 0.2199, 69.6741 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 89.5540, 0.2199, 69.6741 by changing the saturation by 10% instead.


 89.5540, 0.2199,
69.6741


 89.5540, 0.2199,
69.6741


255.0000, 0.0000,
0.0000

 58.3030, 4.2876,
71.6483


 145.1800, -2.5537,
72.6331

 38.6180, 3.1463,
64.3560


 172.0660, -2.9905,
72.7331

 27.6670, -1.3148,
48.5270

 191.5800, 0.7001,
55.6193

 17.8690, -7.8234,
36.0719

 211.2080, 4.8275,
38.4056

 6.2790, -3.0955,
12.9103

 231.5370, 9.1023,
20.5771

 0.0000, 0.0000,
0.0000

 249.1300, 2.8939,

5.1480

■ 89.5540, 0.2199,
69.6741

■ 89.5540, 0.2199,
69.6741

■ 78.3210, 0.3347,
79.5255

■ 100.7870, 0.1050,
59.8228

■ 67.0880, 0.4496,
89.3768

■ 112.0200, -0.0099,
49.9715

■ 57.1430, 0.4225,
98.0986

■ 123.2530, -0.1247,
40.1201

■ 134.6000, 0.1972,
30.1688

■ 145.2460, 0.3717,
20.8323

■ 156.4790, 0.2569,
10.9809

■ 167.7120, 0.1420,
1.1296

■ 178.9450, 0.0271,
-8.7218

■ 190.1780, -0.0878,
-18.5731

Harmonies

Analogous

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



95.1180, 18.1828, 48.1315



89.5540, 0.2199, 69.6741



90.1410, -20.2825, 65.6513

Triad

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



89.5540, 0.2199, 69.6741



82.7260, -34.8679, -16.4227



83.4770, 43.1488, -73.2093

Complementary

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



89.5540, 0.2199, 69.6741



128.4460, -0.2199, -69.6741

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.



82.5190, 29.3241, -72.3692



89.5540, 0.2199, 69.6741



72.1280, -7.9511, -63.2563

Square

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



89.5540, 0.2199, 69.6741



88.0570, -43.4121, 17.4900



78.3180, 10.6892, -68.6849



78.0460, 50.2633, -68.4463

Rectangle

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



89.5540, 0.2199, 69.6741



90.0350, -33.0483, 53.4663



78.3180, 10.6892, -68.6849



83.7390, 39.0757, -73.4391

Sweetspot

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



89.5540, 0.2199, 69.6741



188.5780, 0.2080, 26.6801



86.0020, 40.9180, 35.9552



91.5120, 0.2406, 16.2140



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



89.5540, 0.2199, 69.6741



95.9100, 0.5374, 107.9499



95.4460, -22.8979, 64.5069



78.7340, 0.1311, 4.6183



50.0660, 0.4605, 85.8881



6.7780, 0.1094, 11.5957

Inverse Universe

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



89.5540, 0.2199, 69.6741



95.9100, 0.5374, 107.9499



122.5540, 22.8979, -64.5069



78.7340, 0.1311, 4.6183



50.0660, 0.4605, 85.8881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 89.5540, 0.2199, 69.6741 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 89.5540, 0.2199, 69.6741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

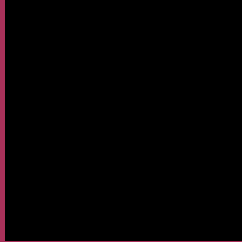
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5540, 0.2199, 69.6741

Background



This preview shows how black text looks on a background with the YUV color 89.5540, 0.2199, 69.6741.



This preview shows how white text looks on a background with the YUV color 89.5540, 0.2199,

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

89.5540, 0.2199, 69.6741

Protanopia

96.1980, 9.7624, -4.5586

Deuteranopia

96.1710, -6.0003, 11.2510



Tritanopia

89.5310, -15.0518, 67.9403

Trichromacy



Original Color

89.5540, 0.2199, 69.6741

Protanomaly

93.5650, 6.6235, 22.3065

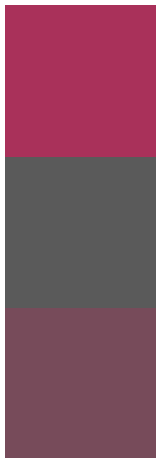
Deuteranomaly

93.5850, -3.7394, 32.8130

Tritanomaly

89.3230, -9.5262, 68.9997

Monochromacy



Original Color

89.5540, 0.2199, 69.6741

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8660, 0.0661, 25.5505

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5540, 0.2199, 69.6741 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(169, 49, 90)` looks like.

```
.text, #text, p{  
    color:rgb(169, 49, 90)  
}
```

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(169, 49, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 49, 90) }
```

Border

The CSS property to change the border of an element to YUV 89.5540, 0.2199, 69.6741 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(169, 49, 90) }
```


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

```
.border{ border-color:rgb(169, 49, 90) }
```

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

Here you see how a box with a 4 pixel rgb(169, 49, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 49, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 49, 90);  
box-shadow:4px 4px 4px 4px rgb(169, 49,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 89.5540, 0.2199, 69.6741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 49, 90) }
```

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

```
.background{ background-color: rgb(169, 49,  
90) }
```

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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