

Converting Colors

YUV(96.0550, 30.5389, 51.6948)

Have a look what the booklet for
YUV(96.0550, 30.5389, 51.6948)
contains.

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Color

**YUV(96.0550, 30.5389,
51.6948)**

Conversions

Conversions Part 1

Format	Color
Hex	9B369E
RGB	155, 54, 158
RGB Percent	61%, 21%, 62%
CMY	0.3922, 0.7882, 0.3804
CMYK	0.02, 0.66, 0.00, 0.38
HSL	298°, 49%, 42%
HSV	298°, 66%, 62%
XYZ	21.0083, 12.0755, 33.5713
YIQ	96.0550, 26.8120, 53.7560

Conversions

Conversions Part 2

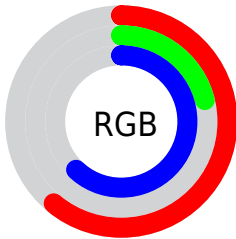
Format	Color
R_{YB}	155, 54, 158
Decimal	10172062
CIE _{Lab}	41.34, 55.17, -36.26
CIE _{LCh}	41, 66.021, 326.688
Yxy	12.0755, 0.3152, 0.1812
Android (android.graphics.Color)	4288362142 (0xFF9B369E)
YUV	96.0550, 30.5389, 51.6948
Hunter-Lab	34.7498, 47.1013, -32.9543

Details

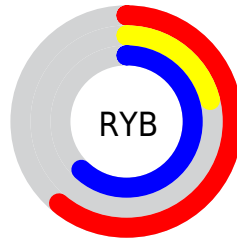
The YUV color **96.0550, 30.5389, 51.6948** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **115.9450, -30.5389, -51.6948**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0660, 30.5335, 53.4391**, and **41.9840, 31.5599, 50.8800** is the 20% darker color. If you saturate the color by 10%, you get **86.6630, 35.1691, 59.9315**, and if you desaturate by 10%, it is **105.4470, 25.9086, 43.4580**.

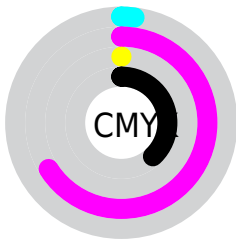
Distribution



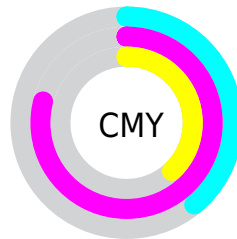
- Red (61%)
- Green (21%)
- Blue (62%)



- Red (61%)
- Yellow (21%)
- Blue (62%)



- Cyan (2%)
- Magenta (66%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (79%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0550, 30.5389, 51.6948 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 96.0550, 30.5389, 51.6948 by changing the saturation by 10% instead.

96.0550, 30.5389,
51.6948

96.0550, 30.5389,
51.6948

255.0000, 0.0000,
0.0000

66.5220, 32.2807,
53.0392

151.0660, 30.5335,
53.4391

41.9840, 31.5599,
50.8800

179.4790, 30.8229,
53.9539

31.3600, 24.4725,
37.3953

200.9960, 26.6240,
47.3615

21.5620, 17.9639,
24.9401

218.0190, 18.2316,
32.4323

9.3720, 12.6346,
7.5668

234.4550, 10.1287,
18.0180

1.1400, 4.3680,
-0.9998

252.0650, 1.4470,

0.0000, 0.0000,

2.5740

0.0000

■ 96.0550, 30.5389,
51.6948

■ 96.0550, 30.5389,
51.6948

■ 86.6630, 35.1691,
59.9315

■ 105.4470, 25.9086,
43.4580

■ 76.9720, 39.9468,
67.5536

■ 115.1380, 21.1310,
35.8360

■ 68.1670, 44.2877,
75.2755

■ 123.9430, 16.7901,
28.1140

■ 63.7590, 46.4608,
78.2644

■ 133.6340, 12.0124,
20.4920

■ 143.0260, 7.3822,
12.2552

■ 152.7170, 2.6045,
4.6332

■ 162.1090, -2.0257,
-3.6036

■ 171.2130, -6.5140,
-10.7108

■ 180.6050,
-11.1443, -18.9476

Harmonies

Analogous

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



95.2510, 49.6693, -17.7601



96.0550, 30.5389, 51.6948



79.1500, 13.2370, 94.5844

Triad

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



96.0550, 30.5389, 51.6948



91.6670, -45.1918, 28.3560



86.9700, 28.6088, -76.2727

Complementary

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



96.0550, 30.5389, 51.6948



115.9450, -30.5389, -51.6948

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.



80.7000, 4.5849, -70.7739



96.0550, 30.5389, 51.6948



84.6250, -41.7201, -11.9491

Square

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



96.0550, 30.5389, 51.6948



89.5390, -44.1427, 65.3023



71.6260, -20.0286, -62.8160



90.1110, 48.2593, -79.0273

Rectangle

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



96.0550, 30.5389, 51.6948



78.8780, -4.3769, 97.4540



71.6260, -20.0286, -62.8160



85.5050, 20.4570, -74.9879

Sweetspot

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



96.0550, 30.5389, 51.6948



181.7480, 12.4492, 20.3920



67.6170, 44.5588, -11.9421



89.4390, 7.6716, 12.7700



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.



96.0550, 30.5389, 51.6948



109.2370, 48.1972, 81.3532



91.3660, 8.6936, 58.4380



74.3040, 2.3151, 4.1184



57.8630, 41.9725, 71.1571



6.1950, 4.3409, 7.7220

Inverse Universe

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



85.4380, -14.0199, 63.6369



92.6060, -21.9908, 100.3235



120.6340, -8.6936, -58.4380



73.3920, -1.1793, 4.9182



43.2130, -19.3320, 87.5132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 96.0550, 30.5389, 51.6948 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 96.0550, 30.5389, 51.6948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

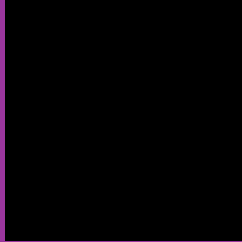
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.0550, 30.5389, 51.6948

Background



This preview shows how black text looks on a background with the YUV color 96.0550, 30.5389, 51.6948.



This preview shows how white text looks on a background with the YUV color 96.0550, 30.5389,

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

96.0550, 30.5389, 51.6948

Protanopia

86.8940, 54.2823, -50.7730

Deuteranopia

96.2680, 26.9829, -21.2830



Tritanopia

98.3150, -7.5503, 41.8197

Trichromacy



Original Color

96.0550, 30.5389, 51.6948



Protanomaly

90.2470, 45.7272, -13.3716



Deuteranomaly

96.1880, 28.5013, 5.0971



Tritanomaly

97.5940, 6.1162, 45.0831

Monochromacy



Original Color

96.0550, 30.5389, 51.6948



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

96.0960, 11.2917, 18.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0550, 30.5389, 51.6948 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(155, 54, 158)` looks like.

```
.text, #text, p{  
    color:rgb(155, 54, 158)  
}
```

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(155, 54, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 54, 158) }
```

Border

The CSS property to change the border of an element to YUV 96.0550, 30.5389, 51.6948 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(155, 54, 158) }
```


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

```
.border{ border-color:rgb(155, 54, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 54, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 54, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 54, 158); box-shadow:4px 4px 4px 4px rgb(155, 54, 158) }
```

Background

The CSS property to change the background color of an element to YUV 96.0550, 30.5389, 51.6948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 54, 158) }
```

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

```
.background{ background-color: rgb(155, 54,  
158) }
```

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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