

Converting Colors

YUV(102.3060, -10.5039,
55.8596)

Have a look what the booklet for
YUV(102.3060, -10.5039, 55.8596)
contains.

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Color

**YUV(102.3060, -10.5039,
55.8596)**

Conversions

Conversions Part 1

Format	Color
Hex	A64A51
RGB	166, 74, 81
RGB Percent	65%, 29%, 32%
CMY	0.3490, 0.7098, 0.6824
CMYK	0.00, 0.55, 0.51, 0.35
HSL	355°, 38%, 47%
HSV	355°, 55%, 65%
XYZ	19.6599, 13.5986, 9.3732
YIQ	102.3060, 52.5850, 21.6810

Conversions

Conversions Part 2

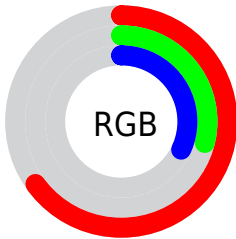
Format	Color
R_{YB}	166, 74, 81
Decimal	10898001
CIE _{Lab}	43.65, 38.58, 14.54
CIE _{LCh}	44, 41.229, 20.649
Yxy	13.5986, 0.4612, 0.3190
Android (android.graphics.Color)	4289088081 (0xFFA64A51)
YUV	102.3060, -10.5039, 55.8596
Hunter-Lab	36.8763, 30.6301, 10.7431

Details

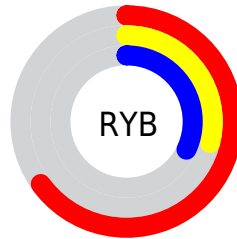
The YUV color **102.3060, -10.5039, 55.8596** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **137.6940, 10.5039, -55.8596**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0570, -12.8461, 60.4630**, and **50.0220, -6.4198, 52.6007** is the 20% darker color. If you saturate the color by 10%, you get **90.6170, -12.1362, 66.1109**, and if you desaturate by 10%, it is **113.9950, -8.8715, 45.6084**.

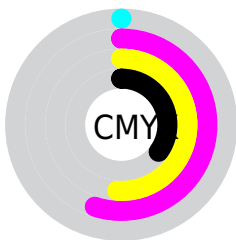
Distribution



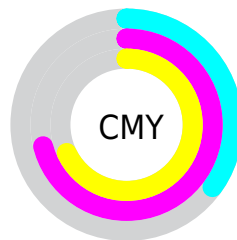
- Red (65%)
- Green (29%)
- Blue (32%)



- Red (65%)
- Yellow (29%)
- Blue (32%)



- Cyan (0%)
- Magenta (55%)
- Yellow (51%)
- Black (35%)



- Cyan (35%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.3060, -10.5039, 55.8596 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 102.3060, -10.5039, 55.8596 by changing the saturation by 10% instead.

■ 102.3060,
-10.5039, 55.8596

■ 102.3060,
-10.5039, 55.8596

■ 255.0000, 0.0000,
0.0000

■ 76.6370, -9.1880,
53.8154

■ 156.0570,
-12.8461, 60.4630

■ 50.0220, -6.4198,
52.6007

■ 183.2530,
-13.4357, 62.9221

■ 26.3420, -5.0986,
48.8121

■ 202.7670, -9.7451,
45.8083

■ 16.7440, -8.2548,
34.4275

■ 222.3950, -5.6177,
28.5946

■ 7.2900, -3.1010,
14.6547

■ 242.6100, -1.7797,
10.8660

■ 0.0000, 0.0000,
0.0000

■ 102.3060,
-10.5039, 55.8596

■ 102.3060,
-10.5039, 55.8596

■ 90.6170, -12.1362,
66.1109

■ 113.9950, -8.8715,
45.6084

■ 79.4010, -14.4947,
75.9473

■ 125.2110, -6.5130,
35.7720

■ 67.7120, -16.1270,
86.1986

■ 136.9000, -4.8807,
25.5207

■ 56.6100, -18.0487,
95.9350

■ 148.0020, -2.9590,
15.7842

■ 51.1160, -18.7912,
100.7533

■ 159.8050, -0.8899,
5.4330

■ 171.4940, 0.7425,
-4.8182

■ 182.5960, 2.6642,
-14.5547

■ 194.3990, 4.7333,

-24.9059

■ 205.5010, 6.6550,
-34.6424

Harmonies

Analogous

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



104.3880, 5.2317, 48.7717



102.3060, -10.5039, 55.8596



101.4670, -24.8802, 46.9484

Triad

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



102.3060, -10.5039, 55.8596



92.0460, -16.7847, -29.8583



83.9500, 42.4227, -73.6241

Complementary

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



102.3060, -10.5039, 55.8596



137.6940, 10.5039, -55.8596

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.



86.3490, 33.8449, -75.7281



102.3060, -10.5039, 55.8596



80.2270, 5.3111, -70.3591

Square

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



102.3060, -10.5039, 55.8596



96.9870, -30.5596, 1.7654



84.8040, 20.3096, -74.3731



102.2780, 31.9079, -14.2758

Rectangle

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



102.3060, -10.5039, 55.8596



100.6690, -31.3888, 34.4933



84.8040, 20.3096, -74.3731



85.3690, 40.2441, -74.8686

Sweetspot

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



102.3060, -10.5039, 55.8596



191.4050, -4.1437, 22.4468



109.6040, 27.8032, 42.4433



94.6920, -2.8062, 13.4251



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.



102.3060, -10.5039, 55.8596



116.6090, -16.5692, 88.0429



123.8140, -24.5583, 36.9971



78.3920, -1.1793, 4.9182



45.5060, -17.0115, 89.8872



6.2080, -2.0745, 12.0956

Inverse Universe

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



102.3060, -10.5039, 55.8596



116.6090, -16.5692, 88.0429



116.1860, 24.5583, -36.9971



78.3920, -1.1793, 4.9182



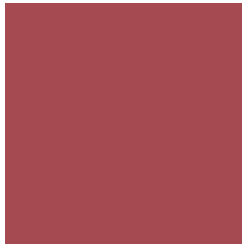
45.5060, -17.0115, 89.8872



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 102.3060, -10.5039, 55.8596 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 102.3060, -10.5039, 55.8596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

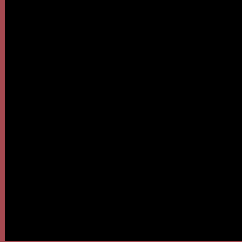
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.3060, -10.5039, 55.8596

Background



This preview shows how black text looks on a background with the YUV color 102.3060, -10.5039, 55.8596.



This preview shows how white text looks on a background with the YUV color 102.3060, -10.5039,

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

102.3060, -10.5039, 55.8596

Protanopia

103.5830, -4.2314, 3.8737

Deuteranopia

103.6680, -13.1473, 16.9542



Tritanopia

102.0780, -11.3775, 56.0596

Trichromacy



Original Color

102.3060, -10.5039, 55.8596

Protanomaly

102.8350, -6.3277, 22.9467

Deuteranomaly

103.2830, -12.4645, 31.3238

Tritanomaly

102.1920, -10.9407, 55.9596

Monochromacy



Original Color

102.3060, -10.5039, 55.8596

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0950, -3.9908, 20.0877

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.3060, -10.5039, 55.8596 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(166, 74, 81)` looks like.

```
.text, #text, p{  
    color:rgb(166, 74, 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(166, 74, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 74, 81) }
```

Border

The CSS property to change the border of an element to YUV 102.3060, -10.5039, 55.8596 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(166, 74, 81) }
```


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

```
.border{ border-color:rgb(166, 74, 81) }
```

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

Here you see how a box with a 4 pixel rgb(166, 74, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 74, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 74, 81);  
box-shadow:4px 4px 4px 4px rgb(166, 74,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 102.3060, -10.5039, 55.8596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 74, 81) }
```

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

```
.background{ background-color: rgb(166, 74,  
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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