

Converting Colors

YUV(102.5200, -11.5954,
79.3510)

Have a look what the booklet for
YUV(102.5200, -11.5954, 79.3510)
contains.

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Color

**YUV(102.5200, -11.5954,
79.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	C13D4F
RGB	193, 61, 79
RGB Percent	76%, 24%, 31%
CMY	0.2431, 0.7608, 0.6902
CMYK	0.00, 0.68, 0.59, 0.24
HSL	352°, 52%, 50%
HSV	352°, 68%, 76%
XYZ	25.0723, 15.2395, 9.0172
YIQ	102.5200, 72.8940, 33.5820

Conversions

Conversions Part 2

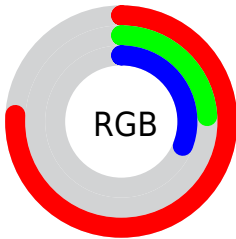
Format	Color
R_{YB}	193, 61, 79
Decimal	12664143
CIE _{Lab}	45.96, 53.60, 19.65
CIE _{LCh}	46, 57.086, 20.136
Yxy	15.2395, 0.5083, 0.3089
Android (android.graphics.Color)	4290854223 (0xFFC13D4F)
YUV	102.5200, -11.5954, 79.3510
Hunter-Lab	39.0377, 46.3272, 13.6312

Details

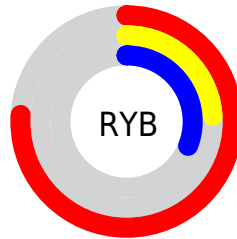
The YUV color **102.5200, -11.5954, 79.3510** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **151.4800, 11.5954, -79.3510**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6300, -15.1006, 83.6395**, and **43.7570, -4.3172, 78.2661** is the 20% darker color. If you saturate the color by 10%, you get **89.4290, -13.5225, 90.8318**, and if you desaturate by 10%, it is **115.6110, -9.6682, 67.8702**.

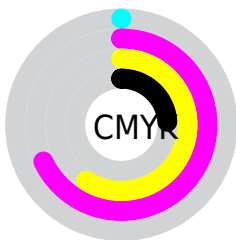
Distribution



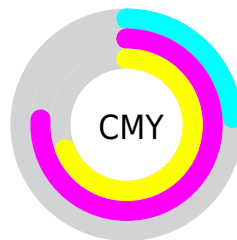
- Red (76%)
- Green (24%)
- Blue (31%)



- Red (76%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (68%)
- Yellow (59%)
- Black (24%)





- Cyan (24%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.5200, -11.5954, 79.3510 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 102.5200, -11.5954, 79.3510 by changing the saturation by 10% instead.


 102.5200,
-11.5954, 79.3510

 102.5200,
-11.5954, 79.3510


255.0000, 0.0000,
0.0000

 72.7310, -8.2484,
79.1659


 158.6300,
-15.1006, 83.6395

 43.7570, -4.3172,
78.2661


 178.3290,
-11.9942, 67.2405

 32.6920, -9.2152,
62.5371

 197.8430, -8.3036,
50.1267

 22.4250, -11.0555,
46.1083

 217.3570, -4.6130,
33.0129

 14.2810, -6.0545,
28.6946

 237.5720, -0.7750,
15.2844

 0.0000, 0.0000,
0.0000

■ 102.5200,
-11.5954, 79.3510

■ 102.5200,
-11.5954, 79.3510

■ 89.4290, -13.5225,
90.8318

■ 115.6110, -9.6682,
67.8702

■ 75.8650, -14.7234,
102.7274

■ 129.1750, -8.4673,
55.9745

■ 62.7740, -16.6506,
114.2082

■ 142.2660, -6.5401,
44.4937

■ 60.6710, -17.0928,
116.0525

■ 155.3570, -4.6130,
33.0129

■ 168.9210, -3.4121,
21.1173

■ 182.0120, -1.4849,
9.6365

■ 195.1030, 0.4422,
-1.8443

■ 208.0800, 1.9326,

-13.2252

■ 221.7580, 3.5703,
-25.2208

Harmonies

Analogous

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



105.3120, 10.6922, 70.7634



102.5200, -11.5954, 79.3510



103.8730, -33.9544, 64.1324

Triad

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



102.5200, -11.5954, 79.3510



88.6280, -22.9876, -47.0318



92.9950, 54.2325, -81.5566

Complementary

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



102.5200, -11.5954, 79.3510



151.4800, 11.5954, -79.3510

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.



95.8840, 42.4552, -84.0903



102.5200, -11.5954, 79.3510



86.6840, 2.1278, -76.0219

Square

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



102.5200, -11.5954, 79.3510



97.9920, -48.3101, 1.7610



92.8570, 23.2415, -81.4356



104.9740, 46.3548, -28.0412

Rectangle

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



102.5200, -11.5954, 79.3510



102.8220, -50.1982, 47.5141



92.8570, 23.2415, -81.4356



94.8870, 51.3277, -83.2159

Sweetspot

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



102.5200, -11.5954, 79.3510



213.7590, -4.3182, 31.7834



109.5360, 41.1478, 55.6579



103.7250, -2.8224, 18.6582



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



102.5200, -11.5954, 79.3510



109.4870, -17.9881, 123.2299



127.4700, -32.7697, 57.4698



90.2180, -0.6005, 5.9478



50.6470, -14.1230, 96.7796



10.4370, -2.6804, 19.7878

Inverse Universe

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



102.5200, -11.5954, 79.3510



109.4870, -17.9881, 123.2299



126.5300, 32.7697, -57.4698



90.2180, -0.6005, 5.9478



50.6470, -14.1230, 96.7796



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 102.5200, -11.5954, 79.3510 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 102.5200, -11.5954, 79.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

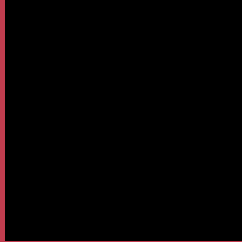
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.5200, -11.5954, 79.3510

Background



This preview shows how black text looks on a background with the YUV color 102.5200, -11.5954, 79.3510.



This preview shows how white text looks on a background with the YUV color 102.5200, -11.5954,

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

102.5200, -11.5954, 79.3510

Protanopia

109.5830, -4.2314, 3.8737

Deuteranopia

109.3110, -18.3943, 19.8983



Tritanopia

102.0270, -17.2683, 78.9063

Trichromacy



Original Color

102.5200, -11.5954, 79.3510

Protanomaly

107.3630, -7.0810, 31.2536

Deuteranomaly

106.8390, -15.6966, 41.3602

Tritanomaly

101.8960, -15.2317, 79.0212

Monochromacy



Original Color

102.5200, -11.5954, 79.3510

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0360, -4.4547, 28.9094

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.5200, -11.5954, 79.3510 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(193, 61, 79)` looks like.

```
.text, #text, p{  
    color:rgb(193, 61, 79)  
}
```

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(193, 61, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 61, 79) }
```

Border

The CSS property to change the border of an element to YUV 102.5200, -11.5954, 79.3510 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(193, 61, 79) }
```


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

```
.border{ border-color:rgb(193, 61, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 61, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 61, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 61, 79);  
box-shadow:4px 4px 4px 4px rgb(193, 61,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 102.5200, -11.5954, 79.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 61, 79) }
```

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

```
.background{ background-color: rgb(193, 61,  
79) }
```

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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