

Converting Colors

YUV(103.7420, -11.7048,
67.7553)

Have a look what the booklet for
YUV(103.7420, -11.7048, 67.7553)
contains.

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Color

**YUV(103.7420, -11.7048,
67.7553)**

Conversions

Conversions Part 1

Format	Color
Hex	B54550
RGB	181, 69, 80
RGB Percent	71%, 27%, 31%
CMY	0.2902, 0.7294, 0.6863
CMYK	0.00, 0.62, 0.56, 0.29
HSL	354°, 45%, 49%
HSV	354°, 62%, 71%
XYZ	22.6321, 14.6592, 9.2261
YIQ	103.7420, 63.2210, 27.1650

Conversions

Conversions Part 2

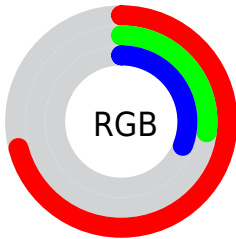
Format	Color
R_{YB}	181, 69, 80
Decimal	11879760
CIE _{Lab}	45.16, 46.27, 17.61
CIE _{LCh}	45, 49.508, 20.836
Yxy	14.6592, 0.4865, 0.3151
Android (android.graphics.Color)	4290069840 (0xFFB54550)
YUV	103.7420, -11.7048, 67.7553
Hunter-Lab	38.2873, 38.5109, 12.5140

Details

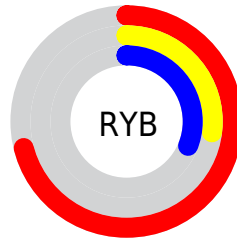
The YUV color **103.7420, -11.7048, 67.7553** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **146.2580, 11.7048, -67.7553**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3790, -14.4838, 72.4586**, and **44.9900, -4.4321, 68.4148** is the 20% darker color. If you saturate the color by 10%, you get **91.3520, -13.4845, 78.6213**, and if you desaturate by 10%, it is **116.1320, -9.9251, 56.8892**.

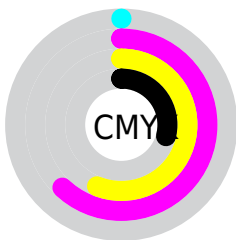
Distribution



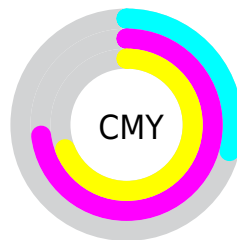
- Red (71%)
- Green (27%)
- Blue (31%)



- Red (71%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (56%)
- Black (29%)



- Cyan (29%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7420, -11.7048, 67.7553 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 103.7420, -11.7048, 67.7553 by changing the saturation by 10% instead.

■ 103.7420,
-11.7048, 67.7553

■ 103.7420,
-11.7048, 67.7553

■ 255.0000, 0.0000,
0.0000

■ 76.6000, -9.6628,
66.1258

■ 158.3790,
-14.4838, 72.4586

■ 44.9900, -4.4321,
68.4148

■ 181.3780,
-13.0044, 64.5665

■ 29.8160, -7.3043,
56.2894

■ 200.8920, -9.3138,
47.4527

■ 19.7340, -9.7289,
40.5753

■ 220.4060, -5.6232,
30.3389

■ 11.7750, -5.3121,
23.8763

■ 240.7350, -1.3484,
12.5104

■ 0.0000, 0.0000,
0.0000

■ 103.7420,
-11.7048, 67.7553

■ 103.7420,
-11.7048, 67.7553

■ 91.3520, -13.4845,
78.6213

■ 116.1320, -9.9251,
56.8892

■ 78.8480, -15.7011,
89.5873

■ 128.6360, -7.7085,
45.9232

■ 66.4580, -17.4808,
100.4533

■ 141.0260, -5.9288,
35.0572

■ 56.1710, -18.8183,
109.4750

■ 153.4160, -4.1491,
24.1912

■ 166.5070, -2.2220,
12.7104

■ 178.8970, -0.4422,
1.8443

■ 191.2870, 1.3375,
-9.0217

■ 203.7910, 3.5540,

-19.9877

■ 216.1810, 5.3338,
-30.8537

Harmonies

Analogous

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



106.0350, 7.3777, 60.4823



103.7420, -11.7048, 67.7553



104.1430, -30.1435, 55.1256

Triad

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



103.7420, -11.7048, 67.7553



91.4810, -19.9571, -39.0098



89.0510, 49.2749, -78.0977

Complementary

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



103.7420, -11.7048, 67.7553



146.2580, 11.7048, -67.7553

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.



91.5810, 38.6606, -80.3165



103.7420, -11.7048, 67.7553



84.4500, 3.7222, -74.0626

Square

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



103.7420, -11.7048, 67.7553



98.2830, -39.5795, 1.5058



89.3520, 22.5045, -78.3617



105.0800, 38.9076, -19.3642

Rectangle

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



103.7420, -11.7048, 67.7553



102.9380, -39.4094, 40.3964



89.3520, 22.5045, -78.3617



90.9430, 46.3701, -79.7570

Sweetspot

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



103.7420, -11.7048, 67.7553



203.9110, -4.8861, 27.2651



111.9670, 34.0333, 50.8949



98.4150, -2.6696, 16.2990



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



103.7420, -11.7048, 67.7553



114.9640, -18.2233, 105.2716



128.9030, -29.5322, 45.6891



82.8050, -0.8899, 5.4330



47.4570, -16.0013, 92.5612



8.1160, -2.5222, 15.6843

Inverse Universe

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



103.7420, -11.7048, 67.7553



114.9640, -18.2233, 105.2716



121.0970, 29.5322, -45.6891



82.8050, -0.8899, 5.4330



47.4570, -16.0013, 92.5612



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 103.7420, -11.7048, 67.7553 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 103.7420, -11.7048, 67.7553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

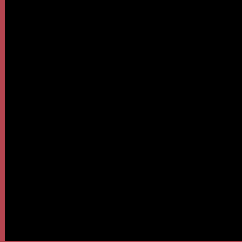
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7420, -11.7048, 67.7553

Background



This preview shows how black text looks on a background with the YUV color 103.7420, -11.7048, 67.7553.



This preview shows how white text looks on a background with the YUV color 103.7420, -11.7048,

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

103.7420, -11.7048, 67.7553

Protanopia

107.4690, -4.6682, 3.9737

Deuteranopia

107.2830, -15.9155, 18.1688



Tritanopia

103.6450, -14.6150, 67.8403

Trichromacy



Original Color

103.7420, -11.7048, 67.7553

Protanomaly

105.9280, -7.3595, 27.2501

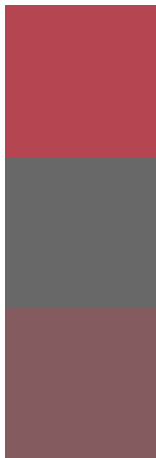
Deuteranomaly

106.1480, -14.3700, 35.8272

Tritanomaly

103.8730, -13.7414, 67.6404

Monochromacy



Original Color

103.7420, -11.7048, 67.7553

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7150, -4.2965, 24.8059

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7420, -11.7048, 67.7553 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(181, 69, 80)` looks like.

```
.text, #text, p{  
    color:rgb(181, 69, 80)  
}
```

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(181, 69, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 69, 80) }
```

Border

The CSS property to change the border of an element to YUV 103.7420, -11.7048, 67.7553 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(181, 69, 80) }
```


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

```
.border{ border-color:rgb(181, 69, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 69, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 69, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 69, 80);  
box-shadow:4px 4px 4px 4px rgb(181, 69,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 103.7420, -11.7048, 67.7553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 69, 80) }
```

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

```
.background{ background-color: rgb(181, 69,  
80) }
```

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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