

Converting Colors

YUV(71.4550, 3.7197, 67.1300)

Have a look what the booklet for
YUV(71.4550, 3.7197, 67.1300)
contains.

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Color

**YUV(71.4550, 3.7197,
67.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	941F4F
RGB	148, 31, 79
RGB Percent	58%, 12%, 31%
CMY	0.4196, 0.8784, 0.6902
CMYK	0.00, 0.79, 0.47, 0.42
HSL	335°, 65%, 35%
HSV	335°, 79%, 58%
XYZ	14.1140, 7.8404, 8.1666
YIQ	71.4550, 54.3240, 39.7320

Conversions

Conversions Part 2

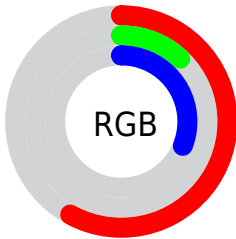
Format	Color
R_{YB}	148, 31, 79
Decimal	9707343
CIE _{Lab}	33.65, 50.77, 1.26
CIE _{LCh}	34, 50.788, 1.417
Yxy	7.8404, 0.4686, 0.2603
Android (android.graphics.Color)	4287897423 (0xFF941F4F)
YUV	71.4550, 3.7197, 67.1300
Hunter-Lab	28.0007, 40.9734, 2.3082

Details

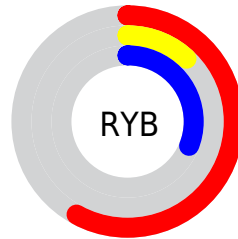
The YUV color **71.4550, 3.7197, 67.1300** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **107.5450, -3.7197, -67.1300**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8420, 0.0779, 68.5446**, and **31.4980, 1.7265, 53.0603** is the 20% darker color. If you saturate the color by 10%, you get **61.6240, 4.1294, 75.7518**, and if you desaturate by 10%, it is **81.2860, 3.3100, 58.5082**.

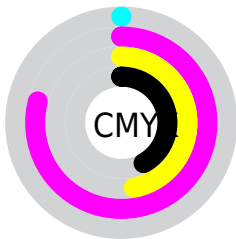
Distribution



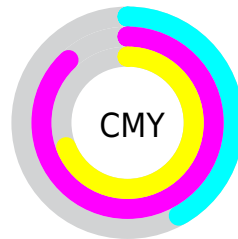
- Red (58%)
- Green (12%)
- Blue (31%)



- Red (58%)
- Yellow (12%)
- Blue (31%)



- Cyan (0%)
- Magenta (79%)
- Yellow (47%)
- Black (42%)




- Cyan (42%)
- Magenta (88%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4550, 3.7197, 67.1300 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 71.4550, 3.7197, 67.1300 by changing the saturation by 10% instead.

 71.4550, 3.7197,
67.1300

 71.4550, 3.7197,
67.1300


255.0000, 0.0000,
0.0000


 42.2640, 6.7718,
68.1745


 127.8420, 0.0779,
68.5446


 31.4980, 1.7265,
53.0603

 155.6250, -0.8011,
70.4889

 20.9170, -3.9031,
38.6608

 180.2330, 0.3781,
65.5707

 11.1770, -5.0173,
22.6468

 199.7470, 4.0687,
48.4569

 0.0000, 0.0000,
0.0000

 219.3750, 8.1961,
31.2431

 238.5640, 8.1029,

14.4144

■ 71.4550, 3.7197,
67.1300

■ 71.4550, 3.7197,
67.1300

■ 61.6240, 4.1294,
75.7518

■ 81.2860, 3.3100,
58.5082

■ 51.9070, 4.9758,
84.2736

■ 91.0030, 2.4635,
49.9864

■ 51.2060, 4.8284,
84.8883

■ 100.2470, 2.3432,
41.8794

■ 110.0780, 1.9335,
33.2576

■ 119.9090, 1.5239,
24.6358

■ 129.6260, 0.6774,
16.1140

■ 139.4570, 0.2677,
7.4922

■ 148.7010, 0.1474,
-0.6148

■ 158.5320, -0.2623,
-9.2366

Harmonies

Analogous

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



78.7260, 19.3621, 43.2133



71.4550, 3.7197, 67.1300



72.8680, -16.2039, 64.1368

Triad

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



71.4550, 3.7197, 67.1300



68.3890, -33.7158, -12.6192



71.6910, 38.6063, -62.8730

Complementary

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



71.4550, 3.7197, 67.1300



107.5450, -3.7197, -67.1300

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.



70.6190, 24.3448, -61.9329



71.4550, 3.7197, 67.1300



59.5100, -10.6044, -52.1903

Square

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



71.4550, 3.7197, 67.1300



74.1910, -36.5762, 18.2495



66.0590, 6.8729, -57.9337



67.5480, 45.5788, -59.2396

Rectangle

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



71.4550, 3.7197, 67.1300



73.8330, -29.9907, 52.7665



66.0590, 6.8729, -57.9337



71.9530, 34.5332, -63.1028

Sweetspot

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



71.4550, 3.7197, 67.1300



160.9200, 1.5184, 26.3802



64.6700, 41.0817, 30.1074



78.6260, 0.6774, 16.1140



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



71.4550, 3.7197, 67.1300



72.5550, 5.6424, 103.8763



71.8530, -20.1405, 66.7809



69.4350, 0.2785, 4.0035



47.6460, 4.1185, 79.2405



3.4460, 0.2731, 5.7479

Inverse Universe

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



71.4550, 3.7197, 67.1300



72.5550, 5.6424, 103.8763



107.1470, 20.1405, -66.7809



69.4350, 0.2785, 4.0035



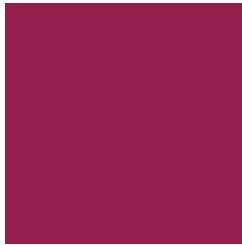
47.6460, 4.1185, 79.2405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 71.4550, 3.7197, 67.1300 looks on a white background.

Color Contrast Check

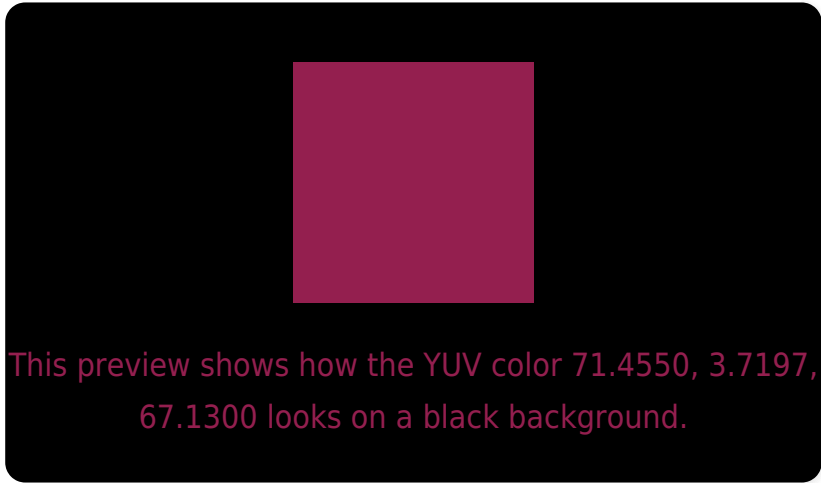
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 71.4550, 3.7197, 67.1300

Background



This preview shows how black text looks on a background with the YUV color 71.4550, 3.7197, 67.1300.



This preview shows how white text looks on a background with the YUV color 71.4550, 3.7197,

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

71.4550, 3.7197, 67.1300

Protanopia

80.9850, 12.8254, -7.0028

Deuteranopia

81.3170, -4.1003, 8.4920



Tritanopia

72.6230, -14.6041, 64.3516

Trichromacy



Original Color

71.4550, 3.7197, 67.1300

Protanomaly

77.3520, 9.6865, 19.8623

Deuteranomaly

77.8450, -1.4026, 29.9539

Tritanomaly

72.0560, -7.9156, 65.7259

Monochromacy



Original Color

71.4550, 3.7197, 67.1300

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9090, 1.5239, 24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4550, 3.7197, 67.1300 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(148, 31, 79)` looks like.

```
.text, #text, p{  
    color:rgb(148, 31, 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(148, 31, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 31, 79) }
```

Border

The CSS property to change the border of an element to YUV 71.4550, 3.7197, 67.1300 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(148, 31, 79) }
```


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

```
.border{ border-color:rgb(148, 31, 79) }
```

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

Here you see how a box with a 4 pixel rgb(148, 31, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 31, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 31, 79);  
box-shadow:4px 4px 4px 4px rgb(148, 31,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 71.4550, 3.7197, 67.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 31, 79) }
```

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

```
.background{ background-color: rgb(148, 31,  
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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