

Converting Colors

YUV(67.7380, 4.5662, 75.6518)

Have a look what the booklet for
YUV(67.7380, 4.5662, 75.6518)
contains.

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Color

**YUV(67.7380, 4.5662,
75.6518)**

Conversions

Conversions Part 1

Format	Color
Hex	9A164D
RGB	154, 22, 77
RGB Percent	60%, 9%, 30%
CMY	0.3961, 0.9137, 0.6980
CMYK	0.00, 0.86, 0.50, 0.40
HSL	335°, 75%, 35%
HSV	335°, 86%, 60%
XYZ	14.9529, 7.9797, 7.7733
YIQ	67.7380, 61.0170, 45.0890

Conversions

Conversions Part 2

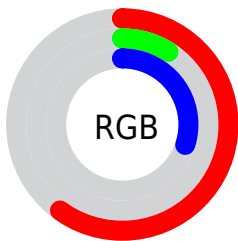
Format	Color
RYB	154, 22, 77
Decimal	10098253
CIELab	33.94, 54.66, 3.14
CIElCh	34, 54.747, 3.284
Yxy	7.9797, 0.4870, 0.2599
Android (android.graphics.Color)	4288288333 (0xFF9A164D)
YUV	67.7380, 4.5662, 75.6518
Hunter-Lab	28.2483, 45.0522, 3.4585

Details

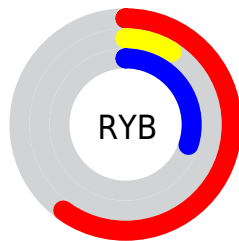
The YUV color **67.7380, 4.5662, 75.6518** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **108.2620, -4.5662, -75.6518**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7720, -0.3806, 75.6220**, and **32.7650, 0.1159, 56.3341** is the 20% darker color. If you saturate the color by 10%, you get **57.9070, 4.9758, 84.2736**, and if you desaturate by 10%, it is **77.5690, 4.1565, 67.0300**.

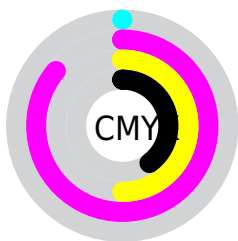
Distribution



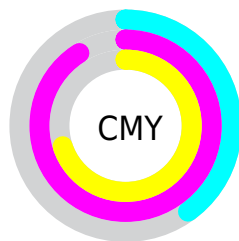
- Red (60%)
- Green (9%)
- Blue (30%)



- Red (60%)
- Yellow (9%)
- Blue (30%)



- Cyan (0%)
- Magenta (86%)
- Yellow (50%)
- Black (40%)



- Cyan (40%)
- Magenta (91%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7380, 4.5662, 75.6518 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 67.7380, 4.5662, 75.6518 by changing the saturation by 10% instead.

67.7380, 4.5662,
75.6518

67.7380, 4.5662,
75.6518

255.0000, 0.0000,
0.0000

43.5310, 5.1612,
71.4483

126.7720, -0.3806,
75.6220

32.7650, 0.1159,
56.3341

155.0280, -1.9858,
77.1514

22.0700, -5.9505,
42.0346

178.1300, -0.0641,
67.4150

12.3730, -5.6069,
25.1059

197.7580, 4.0633,
50.2012

0.0000, 0.0000,
0.0000

217.3860, 8.1907,
32.9875

236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 67.7380, 4.5662,
75.6518

■ 67.7380, 4.5662,
75.6518

■ 57.9070, 4.9758,
84.2736

■ 77.5690, 4.1565,
67.0300

■ 53.3420, 5.2544,
88.2771

■ 87.9870, 3.4574,
57.8934

■ 97.8180, 3.0477,
49.2716

■ 108.2360, 2.3487,
40.1350

■ 118.0670, 1.9390,
31.5132

■ 127.8980, 1.5293,
22.8915

■ 138.3160, 0.8302,
13.7549

■ 148.1470, 0.4205,
5.1331

■ 158.5650, -0.2785,
-4.0035

Harmonies

Analogous

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



77.2260, 21.0876, 49.7908



67.7380, 4.5662, 75.6518



71.1460, -17.8200, 69.1550

Triad

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



67.7380, 4.5662, 75.6518



67.1820, -33.1207, -16.8226



73.1900, 41.8113, -64.1876

Complementary

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



67.7380, 4.5662, 75.6518



108.2620, -4.5662, -75.6518

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.



72.0040, 27.1130, -63.1475



67.7380, 4.5662, 75.6518



60.6840, -11.1832, -53.2199

Square

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



67.7380, 4.5662, 75.6518



75.0660, -37.0075, 16.6051



67.1020, 8.3307, -58.8485



68.4600, 49.0732, -60.0394

Rectangle

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



67.7380, 4.5662, 75.6518



73.2910, -34.6535, 54.9958



67.1020, 8.3307, -58.8485



73.3380, 37.3014, -64.3174

Sweetspot

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



67.7380, 4.5662, 75.6518



167.0560, 1.9444, 29.7689



60.0710, 46.3070, 34.1407



81.1640, 1.3981, 18.2732



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



67.7380, 4.5662, 75.6518



69.6750, 7.0622, 115.1720



67.9250, -22.6410, 75.4878



71.7340, 0.1311, 4.6183



48.4720, 4.6973, 80.2701



4.4570, 0.2677, 7.4922

Inverse Universe

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



67.7380, 4.5662, 75.6518



69.6750, 7.0622, 115.1720



108.0750, 22.6410, -75.4878



71.7340, 0.1311, 4.6183



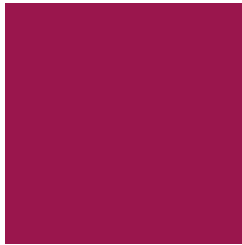
48.4720, 4.6973, 80.2701



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 67.7380, 4.5662, 75.6518 looks on a white background.

Color Contrast Check

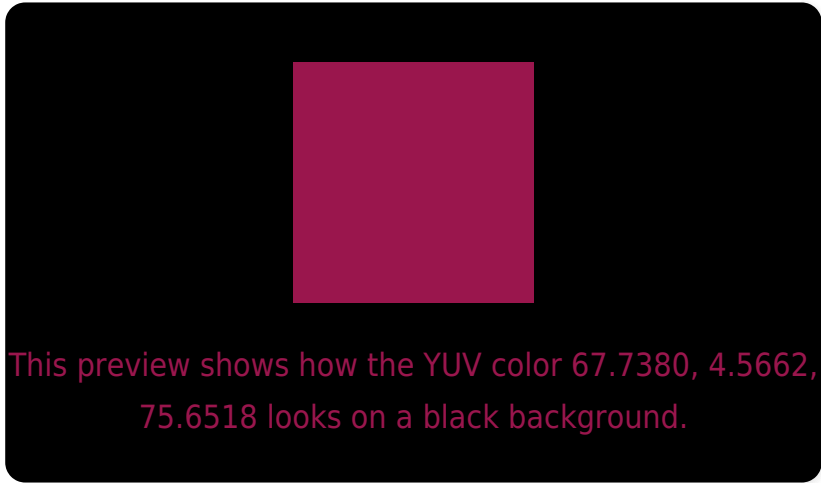
Large Text (above 18pt) WCAG AA ✓ Pass

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

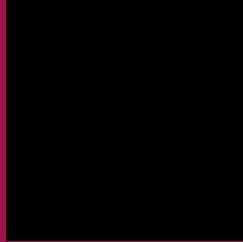
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7380, 4.5662, 75.6518

Background



This preview shows how black text looks on a background with the YUV color 67.7380, 4.5662, 75.6518.



This preview shows how white text looks on a background with the YUV color 67.7380, 4.5662, 75.6518.

75.6518.

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

67.7380, 4.5662, 75.6518

Protanopia

81.9850, 12.8254, -7.0028

Deuteranopia

82.2740, -5.5581, 9.4067



Tritanopia

70.7980, -16.6624, 71.2142

Trichromacy



Original Color

67.7380, 4.5662, 75.6518

Protanomaly

77.0750, 9.8230, 22.7362

Deuteranomaly

76.7530, -1.8502, 33.5426

Tritanomaly

69.8720, -8.8109, 72.9033

Monochromacy



Original Color

67.7380, 4.5662, 75.6518

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.6320, 1.6604, 27.5097

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7380, 4.5662, 75.6518 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(154, 22, 77)` looks like.

```
.text, #text, p{  
    color:rgb(154, 22, 77)  
}
```

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(154, 22, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 22, 77) }
```

Border

The CSS property to change the border of an element to YUV 67.7380, 4.5662, 75.6518 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(154, 22, 77) }
```


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

```
.border{ border-color:rgb(154, 22, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 22, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 22, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 22, 77);  
box-shadow:4px 4px 4px 4px rgb(154, 22,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 67.7380, 4.5662, 75.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 22, 77) }
```

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

```
.background{ background-color: rgb(154, 22,  
77) }
```

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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