

Converting Colors

YUV(77.9820, 4.4459, 67.5448)

Have a look what the booklet for
YUV(77.9820, 4.4459, 67.5448)
contains.

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Color

**YUV(77.9820, 4.4459,
67.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	9B2557
RGB	155, 37, 87
RGB Percent	61%, 15%, 34%
CMY	0.3922, 0.8549, 0.6588
CMYK	0.00, 0.76, 0.44, 0.39
HSL	335°, 61%, 38%
HSV	335°, 76%, 61%
XYZ	15.8994, 8.9798, 9.9121
YIQ	77.9820, 54.2780, 40.5660

Conversions

Conversions Part 2

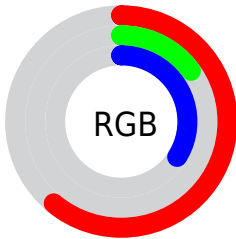
Format	Color
RYB	155, 37, 87
Decimal	10167639
CIELab	35.95, 51.59, -0.41
CIElCh	36, 51.597, 359.546
Yxy	8.9798, 0.4570, 0.2581
Android (android.graphics.Color)	4288357719 (0xFF9B2557)
YUV	77.9820, 4.4459, 67.5448
Hunter-Lab	29.9663, 42.2668, 1.3648

Details

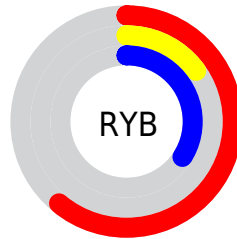
The YUV color **77.9820, 4.4459, 67.5448** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **114.0180, -4.4459, -67.5448**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8960, 1.5303, 69.3742**, and **34.0900, 3.8996, 56.0491** is the 20% darker color. If you saturate the color by 10%, you get **68.1510, 4.8556, 76.1666**, and if you desaturate by 10%, it is **88.4000, 3.7468, 58.4082**.

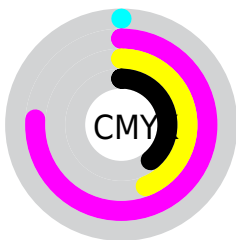
Distribution



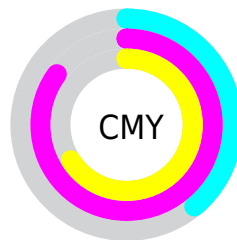
- Red (61%)
- Green (15%)
- Blue (34%)



- Red (61%)
- Yellow (15%)
- Blue (34%)



- Cyan (0%)
- Magenta (76%)
- Yellow (44%)
- Black (39%)



- Cyan (39%)
- Magenta (85%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9820, 4.4459, 67.5448 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 77.9820, 4.4459, 67.5448 by changing the saturation by 10% instead.

■ 77.9820, 4.4459,
67.5448

■ 77.9820, 4.4459,
67.5448

255.0000, 0.0000,
0.0000

■ 45.2690, 9.2344,
71.6781

■ 133.8960, 1.5303,
69.3742

■ 34.0900, 3.8996,
56.0491

■ 161.6790, 0.6513,
71.3185

■ 23.7370, -0.8563,
41.4497

■ 184.7810, 2.5730,
61.5821

■ 13.9820, -5.9071,
28.0798

■ 204.4090, 6.7004,
44.3683

■ 0.0000, 0.0000,
0.0000

■ 224.0370, 10.8278,
27.1546

■ 242.0860, 6.3666,

11.3256

■ 77.9820, 4.4459,
67.5448

■ 77.9820, 4.4459,
67.5448

■ 68.1510, 4.8556,
76.1666

■ 88.4000, 3.7468,
58.4082

■ 57.7330, 5.5546,
85.3032

■ 98.2310, 3.3371,
49.7864

■ 53.8690, 5.9806,
88.6919

■ 108.6490, 2.6380,
40.6498

■ 118.4800, 2.2284,
32.0280

■ 128.8980, 1.5293,
22.8915

■ 138.7290, 1.1196,
14.2697

■ 149.1470, 0.4205,
5.1331

■ 158.8640, -0.4260,
-3.3887

■ 168.6950, -0.8356,
-12.0105

Harmonies

Analogous

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



84.7690, 20.8199, 42.2986



77.9820, 4.4459, 67.5448



78.2920, -15.9200, 66.3959

Triad

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



77.9820, 4.4459, 67.5448



73.7160, -36.3420, -10.2749



75.8970, 39.4908, -66.5617

Complementary

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



77.9820, 4.4459, 67.5448



114.0180, -4.4459, -67.5448

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.



74.5970, 24.3557, -65.4216



77.9820, 4.4459, 67.5448



63.2600, -11.4672, -55.4790

Square

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



77.9820, 4.4459, 67.5448



79.5180, -39.2024, 20.5937



69.9230, 6.4470, -61.3225



71.9820, 47.3369, -63.1282

Rectangle

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



77.9820, 4.4459, 67.5448



79.6700, -29.4173, 55.5404



69.9230, 6.4470, -61.3225



76.0450, 34.9808, -66.6915

Sweetspot

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



77.9820, 4.4459, 67.5448



171.0340, 1.9552, 26.2802



70.4850, 41.6659, 29.3927



83.1530, 1.4036, 16.5288



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.



77.9820, 4.4459, 67.5448



81.6090, 7.0948, 104.7059



76.9780, -19.7092, 68.4253



71.7340, 0.1311, 4.6183



48.5860, 5.1341, 80.1701



4.4570, 0.2677, 7.4922

Inverse Universe

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



77.9820, 4.4459, 67.5448



81.6090, 7.0948, 104.7059



115.0220, 19.7092, -68.4253



71.7340, 0.1311, 4.6183



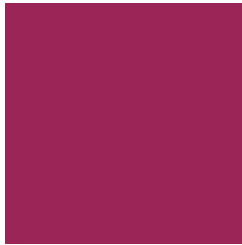
48.5860, 5.1341, 80.1701



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 77.9820, 4.4459, 67.5448 looks on a white background.

Color Contrast Check

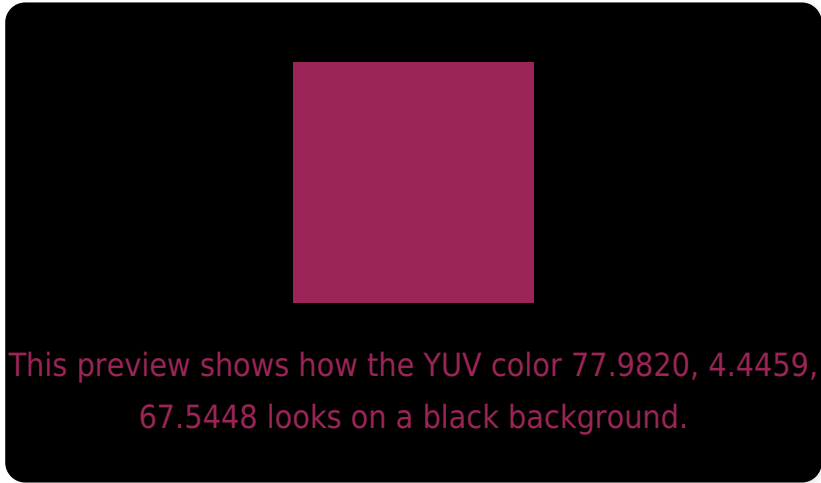
Large Text (above 18pt) WCAG AA ✓ Pass

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

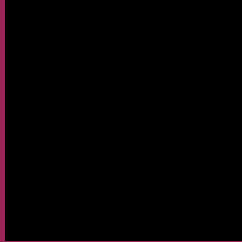
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9820, 4.4459, 67.5448

Background



This preview shows how black text looks on a background with the YUV color 77.9820, 4.4459, 67.5448.



This preview shows how white text looks on a background with the YUV color 77.9820, 4.4459,

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

77.9820, 4.4459, 67.5448

Protanopia

86.1420, 14.7200, -8.0175

Deuteranopia

86.6590, -2.7899, 8.1921



Tritanopia

78.9220, -14.7515, 64.9664

Trichromacy



Original Color

77.9820, 4.4459, 67.5448

Protanomaly

83.2810, 10.7075, 19.0476

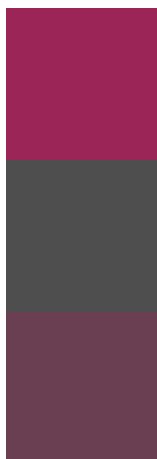
Deuteranomaly

83.1870, -0.0922, 29.6540

Tritanomaly

78.4690, -7.6262, 66.2407

Monochromacy



Original Color

77.9820, 4.4459, 67.5448

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9090, 1.5239, 24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9820, 4.4459, 67.5448 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(155, 37, 87)` looks like.

```
.text, #text, p{  
    color:rgb(155, 37, 87)  
}
```

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(155, 37, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 37, 87) }
```

Border

The CSS property to change the border of an element to YUV 77.9820, 4.4459, 67.5448 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(155, 37, 87) }
```


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

```
.border{ border-color:rgb(155, 37, 87) }
```

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

Here you see how a box with a 4 pixel rgb(155, 37, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 37, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 37, 87);  
box-shadow:4px 4px 4px 4px rgb(155, 37,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 77.9820, 4.4459, 67.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 37, 87) }
```

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

```
.background{ background-color: rgb(155, 37,  
87) }
```

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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