

Converting Colors

YUV(77.8450, -7.8116, 79.0659)

Have a look what the booklet for
YUV(77.8450, -7.8116, 79.0659)
contains.

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Color

**YUV(77.8450, -7.8116,
79.0659)**

Conversions

Conversions Part 1

Format	Color
Hex	A8233E
RGB	168, 35, 62
RGB Percent	66%, 14%, 24%
CMY	0.3412, 0.8627, 0.7569
CMYK	0.00, 0.79, 0.63, 0.34
HSL	348°, 66%, 40%
HSV	348°, 79%, 66%
XYZ	17.6190, 9.8747, 5.5348
YIQ	77.8450, 70.6010, 36.5930

Conversions

Conversions Part 2

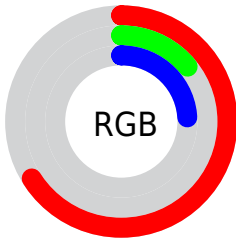
Format	Color
R_{YB}	168, 35, 62
Decimal	11019070
CIE _{Lab}	37.62, 53.99, 18.36
CIE _{LCh}	38, 57.020, 18.778
Yxy	9.8747, 0.5334, 0.2990
Android (android.graphics.Color)	4289209150 (0xFFA8233E)
YUV	77.8450, -7.8116, 79.0659
Hunter-Lab	31.4240, 45.0902, 11.5539

Details

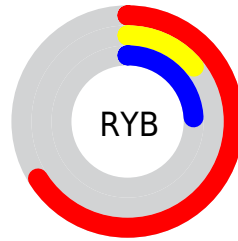
The YUV color **77.8450, -7.8116, 79.0659** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **125.1550, 7.8116, -79.0659**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4880, -13.0586, 82.0100**, and **34.9850, -6.8946, 64.9112** is the 20% darker color. If you saturate the color by 10%, you get **66.3840, -8.5703, 89.1172**, and if you desaturate by 10%, it is **89.3060, -7.0529, 69.0146**.

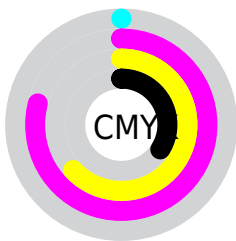
Distribution



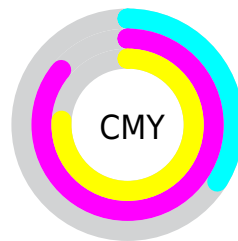
- Red (66%)
- Green (14%)
- Blue (24%)



- Red (66%)
- Yellow (14%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (63%)
- Black (34%)





- Cyan (34%)
- Magenta (86%)
- Yellow (76%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 77.8450, -7.8116, 79.0659 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 77.8450, -7.8116, 79.0659 by changing the saturation by 10% instead.


 77.8450, -7.8116,
79.0659


 77.8450, -7.8116,
79.0659


255.0000, 0.0000,
0.0000


 45.8220, -2.8702,
80.8401


 135.4880,
-13.0586, 82.0100


 34.9850, -6.8946,
64.9112


 162.5480,
-14.0742, 81.0804


 23.9200, -11.7926,
49.1822

 181.4750,
-10.0942, 64.4814

 16.0750, -6.9390,
32.3832

 200.9890, -6.4036,
47.3676

 0.5980, -0.2948,
1.2296

 221.0900, -3.0024,
29.7391

 0.0000, 0.0000,
0.0000

 241.4190, 1.2724,

11.9105

■ 77.8450, -7.8116,
79.0659

■ 77.8450, -7.8116,
79.0659

■ 66.3840, -8.5703,
89.1172

■ 89.3060, -7.0529,
69.0146

■ 54.8090, -9.7658,
99.2685

■ 100.8810, -5.8573,
58.8634

■ 54.1080, -9.9132,
99.8833

■ 111.7550, -4.8092,
49.3269

■ 123.3300, -3.6137,
39.1756

■ 134.7910, -2.8550,
29.1243

■ 146.2520, -2.0962,
19.0730

■ 157.8270, -0.9007,
8.9217

■ 168.7010, 0.1474,
-0.6148

■ 180.2760, 1.3429,
-10.7661

Harmonies

Analogous

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



81.5830, 13.0236, 69.6487



77.8450, -7.8116, 79.0659



82.3180, -32.2018, 61.9881

Triad

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



77.8450, -7.8116, 79.0659



64.4100, -22.3871, -52.9796



78.6330, 49.9739, -68.9611

Complementary

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



77.8450, -7.8116, 79.0659



125.1550, 7.8116, -79.0659

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.



80.7070, 37.6124, -70.7800



77.8450, -7.8116, 79.0659



71.2620, -1.1152, -62.4968

Square

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



77.8450, -7.8116, 79.0659



79.9840, -39.4321, 0.8910



77.3210, 19.5617, -67.8105



80.2500, 47.6977, -38.8073

Rectangle

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



77.8450, -7.8116, 79.0659



83.5040, -41.1675, 44.2850



77.3210, 19.5617, -67.8105



79.8240, 46.9218, -70.0056

Sweetspot

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



77.8450, -7.8116, 79.0659



183.6880, -3.2972, 30.9686



81.2580, 42.7638, 50.6397



88.2520, -2.0962, 19.0730



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



77.8450, -7.8116, 79.0659



77.9800, -12.3151, 123.6745



97.0730, -30.6020, 62.2030



78.5060, -0.7425, 4.8182



47.6720, -8.7123, 87.9877



6.4360, -1.2009, 11.8956

Inverse Universe

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



77.8450, -7.8116, 79.0659



77.9800, -12.3151, 123.6745



105.9270, 30.6020, -62.2030



78.5060, -0.7425, 4.8182



47.6720, -8.7123, 87.9877



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 77.8450, -7.8116, 79.0659 looks on a white background.

Color Contrast Check

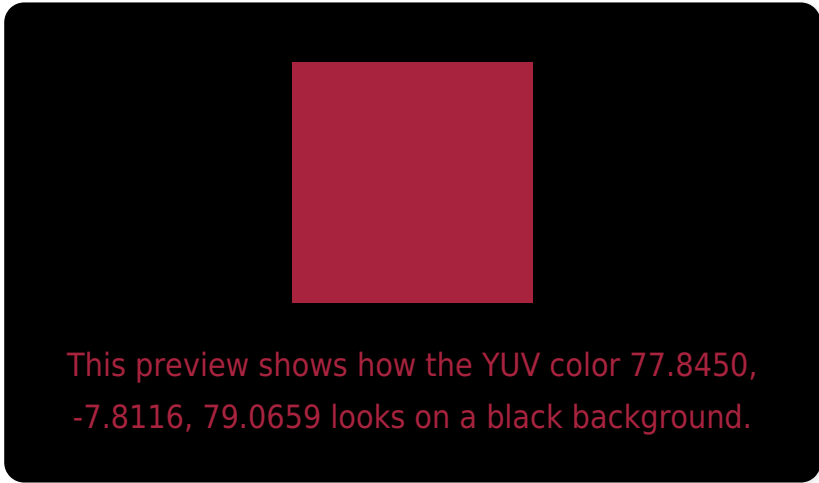
Large Text (above 18pt) WCAG AA ✓ Pass

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

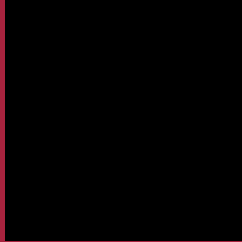
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.8450, -7.8116, 79.0659

Background



This preview shows how black text looks on a background with the YUV color 77.8450, -7.8116, 79.0659.



This preview shows how white text looks on a background with the YUV color 77.8450, -7.8116,

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

77.8450, -7.8116, 79.0659

Protanopia

89.7400, -2.3368, 2.8590

Deuteranopia

89.3430, -16.9311, 17.2392



Tritanopia

78.0870, -18.2839, 77.9767

Trichromacy



Original Color

77.8450, -7.8116, 79.0659

Protanomaly

85.1610, -4.0234, 30.5538

Deuteranomaly

84.8110, -13.2178, 39.6308

Tritanomaly

77.8250, -14.2107, 78.2065

Monochromacy



Original Color

77.8450, -7.8116, 79.0659

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7910, -2.8550, 29.1243

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8450, -7.8116, 79.0659 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(168, 35, 62)` looks like.

```
.text, #text, p{  
    color:rgb(168, 35, 62)  
}
```

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(168, 35, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 35, 62) }
```

Border

The CSS property to change the border of an element to YUV 77.8450, -7.8116, 79.0659 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(168, 35, 62) }
```


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

```
.border{ border-color:rgb(168, 35, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 35, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 35, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 35, 62);  
box-shadow:4px 4px 4px 4px rgb(168, 35,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 77.8450, -7.8116, 79.0659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 35, 62) }
```

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

```
.background{ background-color: rgb(168, 35,  
62) }
```

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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