

Converting Colors

YUV(80.0280, -1.9858, 77.1514)

Have a look what the booklet for
YUV(80.0280, -1.9858, 77.1514)
contains.

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Color

**YUV(80.0280, -1.9858,
77.1514)**

Conversions

Conversions Part 1

Format	Color
Hex	A8244C
RGB	168, 36, 76
RGB Percent	66%, 14%, 30%
CMY	0.3412, 0.8588, 0.7020
CMYK	0.00, 0.79, 0.55, 0.34
HSL	342°, 65%, 40%
HSV	342°, 79%, 66%
XYZ	18.0838, 10.1084, 7.8355
YIQ	80.0280, 65.8320, 40.4240

Conversions

Conversions Part 2

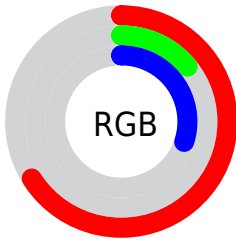
Format	Color
R_{YB}	168, 36, 76
Decimal	11019340
CIE _{Lab}	38.04, 54.66, 9.98
CIE _{LCh}	38, 55.565, 10.344
Yxy	10.1084, 0.5019, 0.2806
Android (android.graphics.Color)	4289209420 (0xFFA8244C)
YUV	80.0280, -1.9858, 77.1514
Hunter-Lab	31.7937, 45.8895, 7.6437

Details

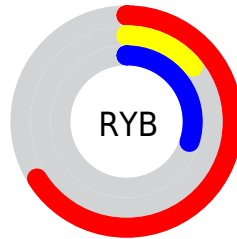
The YUV color **80.0280, -1.9858, 77.1514** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **123.9720, 1.9858, -77.1514**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6000, -6.2118, 79.2808**, and **36.6520, -1.8004, 64.3262** is the 20% darker color. If you saturate the color by 10%, you get **68.6810, -2.3077, 87.1028**, and if you desaturate by 10%, it is **91.3750, -1.6639, 67.2001**.

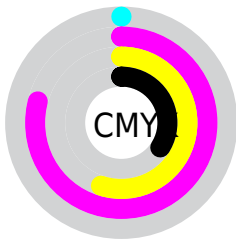
Distribution



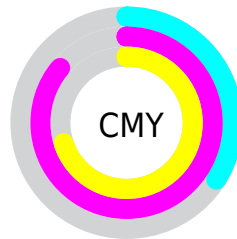
- Red (66%)
- Green (14%)
- Blue (30%)



- Red (66%)
- Yellow (14%)
- Blue (30%)



- Cyan (0%)
- Magenta (79%)
- Yellow (55%)
- Black (34%)





- Cyan (34%)
- Magenta (86%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.0280, -1.9858, 77.1514 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 80.0280, -1.9858, 77.1514 by changing the saturation by 10% instead.


 80.0280, -1.9858,
77.1514

 80.0280, -1.9858,
77.1514


255.0000, 0.0000,
0.0000


 47.7170, 3.0975,
80.0552


 137.6000, -6.2118,
79.2808

 36.6520, -1.8004,
64.3262


 164.9590, -7.3748,
78.9660

 25.2450, -8.0088,
48.8971

 183.8860, -3.3948,
62.3670

 16.6730, -7.2338,
33.6128

 203.9870, 0.0064,
44.7384

 2.3920, -1.1793,
4.9182

 223.6150, 4.1338,
27.5246

 0.0000, 0.0000,
0.0000

 243.2600, 5.7878,

■ 80.0280, -1.9858,
77.1514

■ 80.0280, -1.9858,
77.1514

■ 68.6810, -2.3077,
87.1028

■ 91.3750, -1.6639,
67.2001

■ 57.4480, -2.1929,
96.9541

■ 102.6080, -1.7787,
57.3488

■ 56.0460, -2.4877,
98.1837

■ 113.3680, -1.1674,
47.9123

■ 124.7150, -0.8455,
37.9609

■ 136.0620, -0.5236,
28.0096

■ 147.2950, -0.6384,
18.1583

■ 158.6420, -0.3165,
8.2070

■ 169.4020, 0.2948,
-1.2296

■ 180.6350, 0.1799,
-11.0809

Harmonies

Analogous

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



86.2550, 17.1293, 59.4124



80.0280, -1.9858, 77.1514



83.0010, -24.6505, 66.6511

Triad

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



80.0280, -1.9858, 77.1514



73.3010, -33.6724, -26.5740



80.4110, 46.6324, -70.5204

Complementary

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



80.0280, -1.9858, 77.1514



123.9720, 1.9858, -77.1514

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.



80.1540, 32.9551, -70.2951



80.0280, -1.9858, 77.1514



69.8940, -6.3567, -61.2970

Square

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



80.0280, -1.9858, 77.1514



82.9960, -40.9170, 10.5275



75.8390, 13.8834, -66.5108



73.2360, 52.1417, -64.2280

Rectangle

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



80.0280, -1.9858, 77.1514



83.2600, -41.0472, 52.3920



75.8390, 13.8834, -66.5108



80.7870, 42.9960, -70.8502

Sweetspot

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



80.0280, -1.9858, 77.1514



184.3720, -0.6764, 30.3688



77.9580, 44.3907, 42.1328



88.5940, -0.7858, 18.7731



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.



80.0280, -1.9858, 77.1514



81.7760, -2.8476, 120.3454



89.5560, -26.4031, 68.7954



78.6200, -0.3057, 4.7183



49.3820, -2.1603, 86.4880



6.6640, -0.3274, 11.6957

Inverse Universe

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



80.0280, -1.9858, 77.1514



81.7760, -2.8476, 120.3454



114.4440, 26.4031, -68.7954



78.6200, -0.3057, 4.7183



49.3820, -2.1603, 86.4880



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 80.0280, -1.9858, 77.1514 looks on a white background.

Color Contrast Check

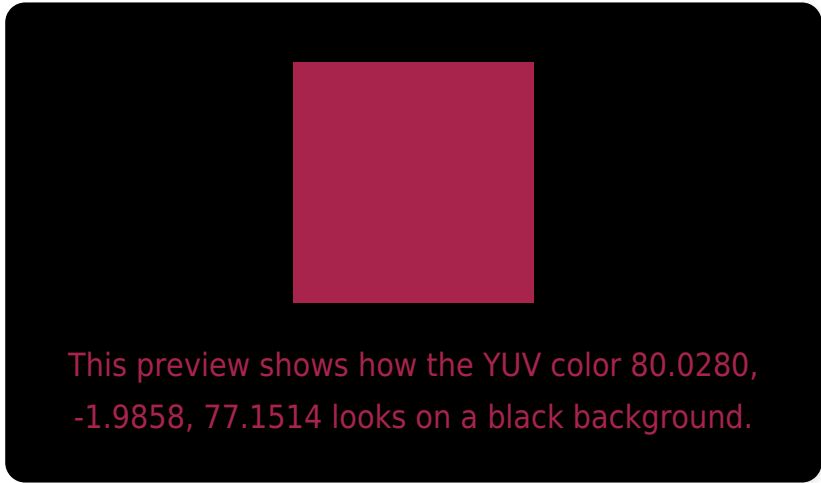
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

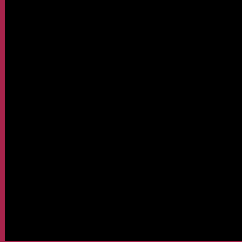
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0280, -1.9858, 77.1514

Background



This preview shows how black text looks on a background with the YUV color 80.0280, -1.9858, 77.1514.



This preview shows how white text looks on a background with the YUV color 80.0280, -1.9858,

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

80.0280, -1.9858, 77.1514

Protanopia

91.1830, 5.8258, -1.9145

Deuteranopia

91.0420, -10.3737, 13.9952



Tritanopia

80.8910, -17.6943, 75.5176

Trichromacy



Original Color

80.0280, -1.9858, 77.1514

Protanomaly

86.9740, 2.9708, 27.2098

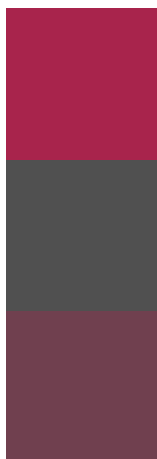
Deuteranomaly

86.6950, -7.2446, 37.1015

Tritanomaly

80.3840, -12.0213, 75.9622

Monochromacy



Original Color

80.0280, -1.9858, 77.1514

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0620, -0.5236, 28.0096

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0280, -1.9858, 77.1514 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, 36, 76)` looks like.

```
.text, #text, p{  
    color:rgb(168, 36, 76)  
}
```

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, 36, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 36, 76) }
```

Border

The CSS property to change the border of an element to YUV 80.0280, -1.9858, 77.1514 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, 36, 76) }
```


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

```
.border{ border-color:rgb(168, 36, 76) }
```

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

Here you see how a box with a 4 pixel rgb(168, 36, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 36, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 36, 76);  
box-shadow:4px 4px 4px 4px rgb(168, 36,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 80.0280, -1.9858, 77.1514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 36, 76) }
```

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

```
.background{ background-color: rgb(168, 36,  
76) }
```

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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