

Converting Colors

YUV(81.7770, -18.1311,
75.6176)

Have a look what the booklet for
YUV(81.7770, -18.1311, 75.6176)
contains.

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Color

**YUV(81.7770, -18.1311,
75.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	A82D2D
RGB	168, 45, 45
RGB Percent	66%, 18%, 18%
CMY	0.3412, 0.8235, 0.8235
CMYK	0.00, 0.73, 0.73, 0.34
HSL	0°, 58%, 42%
HSV	0°, 73%, 66%
XYZ	17.5605, 10.3911, 3.5628
YIQ	81.7770, 73.3080, 26.0760

Conversions

Conversions Part 2

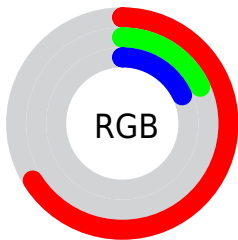
Format	Color
RYB	168, 45, 45
Decimal	11021613
CIELab	38.54, 49.71, 30.06
CIElCh	39, 58.090, 31.159
Yxy	10.3911, 0.5572, 0.3297
Android (android.graphics.Color)	4289211693 (0xFFA82D2D)
YUV	81.7770, -18.1311, 75.6176
Hunter-Lab	32.2352, 40.8284, 16.0117

Details

The YUV color **81.7770, -18.1311, 75.6176** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **131.2230, 18.1311, -75.6176**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5450, -22.9467, 80.2060**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **69.8600, -20.6370, 86.0688**, and if you desaturate by 10%, it is **93.6940, -15.6251, 65.1664**.

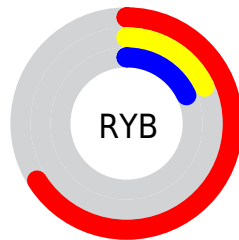
Distribution



Red (66%)

Green (18%)

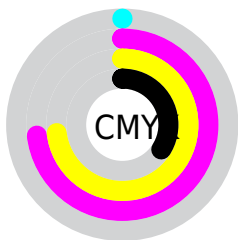
Blue (18%)



Red (66%)

Yellow (18%)

Blue (18%)

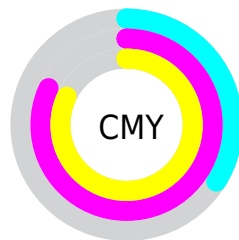


Cyan (0%)

Magenta (73%)

Yellow (73%)

Black (34%)



Cyan (34%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7770, -18.1311, 75.6176 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 81.7770, -18.1311, 75.6176 by changing the saturation by 10% instead.

■ 81.7770, -18.1311,
75.6176

■ 81.7770, -18.1311,
75.6176

255.0000, 0.0000,
0.0000

■ 49.2810, -12.4635,
77.8066

■ 137.5450,
-22.9467, 80.2060

■ 32.5910, -16.0674,
67.0107

■ 164.0180,
-23.6729, 79.7912

■ 23.6210, -11.6452,
48.5674

■ 182.7170,
-20.5665, 63.3922

■ 15.7760, -6.7916,
31.7684

■ 202.2310,
-16.8759, 46.2784

■ 0.2990, -0.1474,
0.6148

■ 222.3320,
-13.4747, 28.6498

■ 0.0000, 0.0000,
0.0000

■ 242.5470, -9.6367,

10.9213

254.6580, -1.3104,
0.2999

■ 81.7770, -18.1311,
75.6176

■ 81.7770, -18.1311,
75.6176

■ 69.8600, -20.6370,
86.0688

■ 93.6940, -15.6251,
65.1664

■ 57.9430, -23.1429,
96.5200

■ 105.6110,
-13.1192, 54.7152

■ 50.2320, -24.7644,
103.2825

■ 116.8270,
-10.7607, 44.8787

■ 128.7440, -8.2548,
34.4275

■ 140.6610, -5.7489,
23.9763

■ 152.5780, -3.2430,
13.5251

■ 164.4950, -0.7370,
3.0739

■ 175.7110, 1.6215,
-6.7625

■ 187.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



79.7000, 5.5709, 80.0701



81.7770, -18.1311, 75.6176



84.4450, -41.6314, 53.1067

Triad

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



81.7770, -18.1311, 75.6176



68.1840, -12.9087, -59.7974



77.5560, 53.4629, -68.0166

Complementary

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



81.7770, -18.1311, 75.6176



131.2230, 18.1311, -75.6176

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.



82.5310, 44.6012, -72.3797



81.7770, -18.1311, 75.6176



75.5310, 7.6262, -66.2407

Square

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



81.7770, -18.1311, 75.6176



78.1130, -38.5097, -15.0081



81.0030, 28.5925, -71.0396



91.1190, 39.8743, -2.7354

Rectangle

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



81.7770, -18.1311, 75.6176



85.7860, -42.2925, 31.7597



81.0030, 28.5925, -71.0396



80.3770, 51.5791, -70.4906

Sweetspot

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



81.7770, -18.1311, 75.6176



185.3520, -7.0755, 29.5093



95.7990, 35.5951, 63.3203



89.6710, -4.2748, 17.8285



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.



81.7770, -18.1311, 75.6176



83.7070, -28.4496, 118.6520



117.5840, -35.7839, 44.2148



78.3920, -1.1793, 4.9182



44.2520, -21.8162, 90.9870



5.9800, -2.9481, 12.2955

Inverse Universe

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



131.2230, 18.1311, -75.6176



161.2930, 28.4496, -118.6520



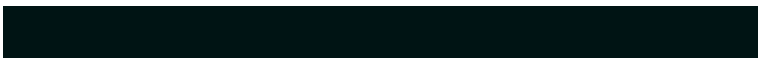
94.8290, 36.0733, -43.7000



81.6080, 1.1793, -4.9182



103.7480, 21.8162, -90.9870



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 81.7770, -18.1311, 75.6176 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



This preview shows how the YUV color 81.7770, -18.1311, 75.6176 looks on a 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 81.7770, -18.1311, 75.6176

Background



This preview shows how black text looks on a background with the YUV color 81.7770, -18.1311, 75.6176.



This preview shows how white text looks on a background with the YUV color 81.7770, -18.1311,

75.6176.

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

81.7770, -18.1311, 75.6176

Protanopia

90.8580, -14.7200, 8.0175

Deuteranopia

89.3730, -25.8199, 21.5979



Tritanopia

81.8910, -17.6943, 75.5176

Trichromacy



Original Color

81.7770, -18.1311, 75.6176

Protanomaly

87.6700, -16.1063, 32.7384

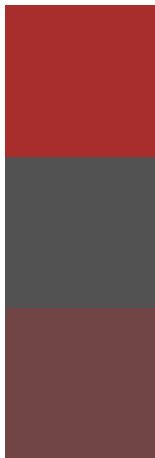
Deuteranomaly

86.8900, -23.1168, 41.3155

Tritanomaly

81.8910, -17.6943, 75.5176

Monochromacy



Original Color

81.7770, -18.1311, 75.6176

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1560, -6.4859, 27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7770, -18.1311, 75.6176 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, 45, 45)` looks like.

```
.text, #text, p{  
    color:rgb(168, 45, 45)  
}
```

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, 45, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 45, 45) }
```

Border

The CSS property to change the border of an element to YUV 81.7770, -18.1311, 75.6176 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, 45, 45) }
```


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

```
.border{ border-color:rgb(168, 45, 45) }
```

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

Here you see how a box with a 4 pixel rgb(168, 45, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 45, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 45, 45);  
box-shadow:4px 4px 4px 4px rgb(168, 45,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 81.7770, -18.1311, 75.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 45, 45) }
```

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

```
.background{ background-color: rgb(168, 45,  
45) }
```

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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