

Converting Colors

YUV(78.8780, -14.7299,
57.9890)

Have a look what the booklet for
YUV(78.8780, -14.7299, 57.9890)
contains.

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Color

**YUV(78.8780, -14.7299,
57.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	913331
RGB	145, 51, 49
RGB Percent	57%, 20%, 19%
CMY	0.4314, 0.8000, 0.8078
CMYK	0.00, 0.65, 0.66, 0.43
HSL	1°, 49%, 38%
HSV	1°, 66%, 57%
XYZ	13.4153, 8.6091, 3.8604
YIQ	78.8780, 56.6660, 19.3060

Conversions

Conversions Part 2

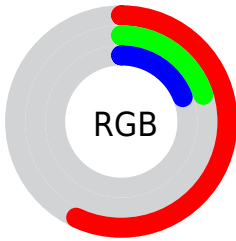
Format	Color
R_{YB}	145, 51, 49
Decimal	9515825
CIE _{Lab}	35.22, 39.55, 22.61
CIE _{LCh}	35, 45.557, 29.753
Yxy	8.6091, 0.5183, 0.3326
Android (android.graphics.Color)	4287705905 (0xFF913331)
YUV	78.8780, -14.7299, 57.9890
Hunter-Lab	29.3413, 30.2652, 12.7382

Details

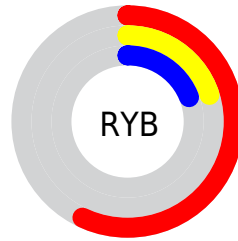
The YUV color **78.8780, -14.7299, 57.9890** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **115.1220, 14.7299, -57.9890**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7000, -18.0931, 63.4071**, and **26.9530, -11.8088, 54.4152** is the 20% darker color. If you saturate the color by 10%, you get **68.9500, -17.2304, 66.6958**, and if you desaturate by 10%, it is **88.6920, -12.6662, 49.3821**.

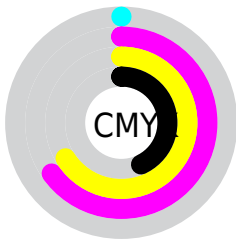
Distribution



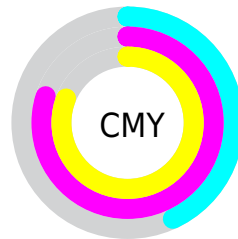
- Red (57%)
- Green (20%)
- Blue (19%)



- Red (57%)
- Yellow (20%)
- Blue (19%)



- Cyan (0%)
- Magenta (65%)
- Yellow (66%)
- Black (43%)



- Cyan (43%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.8780, -14.7299, 57.9890 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 78.8780, -14.7299, 57.9890 by changing the saturation by 10% instead.

■ 78.8780, -14.7299,
57.9890

■ 78.8780, -14.7299,
57.9890

■ 255.0000, 0.0000,
0.0000

■ 51.9640, -11.8143,
56.1596

■ 131.7000,
-18.0931, 63.4071

■ 26.9530, -11.8088,
54.4152

■ 158.7820,
-19.1195, 65.9662

■ 18.2390, -8.9918,
37.5014

■ 183.8740,
-18.6719, 62.3775

■ 9.9810, -4.4276,
20.1877

■ 203.2740,
-15.4181, 45.3637

■ 0.0000, 0.0000,
0.0000

■ 222.9020,
-11.2907, 28.1499

■ 243.1170, -7.4527,

10.4214

■ 78.8780, -14.7299,
57.9890

■ 78.8780, -14.7299,
57.9890

■ 68.9500, -17.2304,
66.6958

■ 88.6920, -12.6662,
49.3821

■ 59.1360, -19.2940,
75.3027

■ 98.6200, -10.1657,
40.6753

■ 48.6210, -21.5052,
84.5244

■ 109.0210, -8.3914,
31.5536

■ 45.1160, -22.2422,
87.5983

■ 118.9490, -5.8909,
22.8467

■ 128.8770, -3.3904,
14.1399

■ 138.6910, -1.3267,
5.5330

■ 148.6190, 1.1738,
-3.1739

■ 159.0200, 2.9481,
-12.2955

■ 168.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



79.7590, 2.5838, 58.0934



78.8780, -14.7299, 57.9890



79.5390, -30.8317, 42.5003

Triad

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



78.8780, -14.7299, 57.9890



61.9550, -8.8518, -54.3345



68.8530, 42.9635, -60.3841

Complementary

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



78.8780, -14.7299, 57.9890



115.1220, 14.7299, -57.9890

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.



72.8820, 35.5542, -63.9175



78.8780, -14.7299, 57.9890



67.3470, 6.7309, -59.0633

Square

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



78.8780, -14.7299, 57.9890



73.4650, -32.2742, -8.3008



71.5650, 22.8925, -62.7625



83.4150, 30.8544, -2.9950

Rectangle

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



78.8780, -14.7299, 57.9890



78.3880, -38.6453, 28.6007



71.5650, 22.8925, -62.7625



71.0870, 41.3691, -62.3433

Sweetspot

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



78.8780, -14.7299, 57.9890



162.9490, -5.8909, 22.8467



88.4200, 26.9079, 49.6207



78.5780, -3.2430, 13.5251



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



78.8780, -14.7299, 57.9890



86.3120, -22.8318, 90.0574



107.0540, -28.6206, 33.2786



66.0930, -1.0318, 4.3034



42.1260, -20.7681, 81.4505



2.3920, -1.1793, 4.9182

Inverse Universe

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



115.1220, 14.7299, -57.9890



142.6880, 22.8318, -90.0574



86.9460, 28.6206, -33.2786



68.9070, 1.0318, -4.3034



92.8740, 20.7681, -81.4505



5.0210, 1.4686, -4.4034

Previews

White Background



This preview shows how the YUV color 78.8780, -14.7299, 57.9890 looks on a white background.

Color Contrast Check

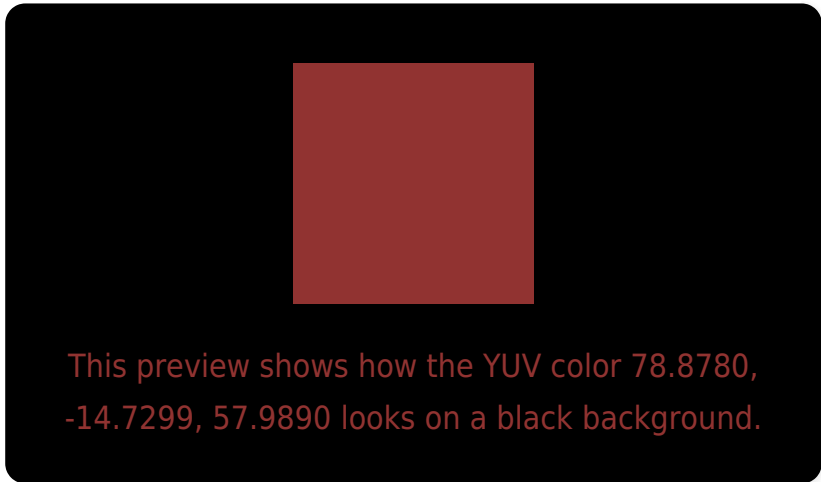
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.8780, -14.7299, 57.9890

Background



This preview shows how black text looks on a background with the YUV color 78.8780, -14.7299, 57.9890.

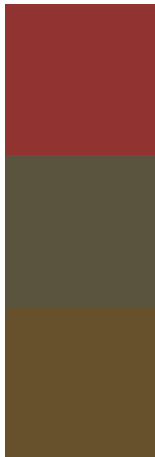


This preview shows how white text looks on a background with the YUV color 78.8780, -14.7299,

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

78.8780, -14.7299, 57.9890

Protanopia

83.2860, -10.4940, 5.8882

Deuteranopia

82.7730, -19.1151, 17.7391



Tritanopia

78.7470, -12.6933, 58.1039

Trichromacy



Original Color

78.8780, -14.7299, 57.9890

Protanomaly

81.6520, -12.1534, 24.8612

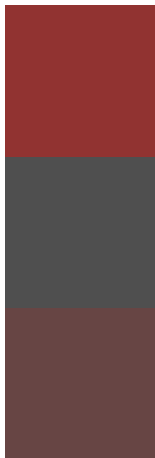
Deuteranomaly

81.0290, -17.2693, 32.4236

Tritanomaly

78.6330, -13.1301, 58.2039

Monochromacy



Original Color

78.8780, -14.7299, 57.9890

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0520, -5.4486, 21.0024

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8780, -14.7299, 57.9890 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(145, 51, 49)` looks like.

```
.text, #text, p{  
    color:rgb(145, 51, 49)  
}
```

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(145, 51, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 51, 49) }
```

Border

The CSS property to change the border of an element to YUV 78.8780, -14.7299, 57.9890 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(145, 51, 49) }
```


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

```
.border{ border-color:rgb(145, 51, 49) }
```

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

Here you see how a box with a 4 pixel rgb(145, 51, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 51, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 51, 49);  
box-shadow:4px 4px 4px 4px rgb(145, 51,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 78.8780, -14.7299, 57.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 51, 49) }
```

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

```
.background{ background-color: rgb(145, 51,  
49) }
```

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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