

Converting Colors

YUV(81.7260, -14.1619,
62.5073)

Have a look what the booklet for
YUV(81.7260, -14.1619, 62.5073)
contains.

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Color

**YUV(81.7260, -14.1619,
62.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	993335
RGB	153, 51, 53
RGB Percent	60%, 20%, 21%
CMY	0.4000, 0.8000, 0.7922
CMYK	0.00, 0.67, 0.65, 0.40
HSL	359°, 50%, 40%
HSV	359°, 67%, 60%
XYZ	14.9633, 9.3970, 4.3933
YIQ	81.7260, 60.1500, 22.2460

Conversions

Conversions Part 2

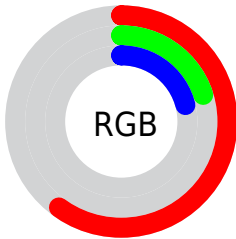
Format	Color
R _Y B	153, 51, 53
Decimal	10040117
CIE Lab	36.74, 42.66, 22.33
CIE LCh	37, 48.154, 27.627
Yxy	9.3970, 0.5204, 0.3268
Android (android.graphics.Color)	4288230197 (0xFF993335)
YUV	81.7260, -14.1619, 62.5073
Hunter-Lab	30.6545, 33.4852, 12.9609

Details

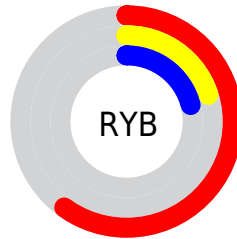
The YUV color **81.7260, -14.1619, 62.5073** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **122.2740, 14.1619, -62.5073**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2490, -17.3778, 67.3106**, and **29.7300, -10.2199, 58.1188** is the 20% darker color. If you saturate the color by 10%, you get **71.2110, -16.3730, 71.7290**, and if you desaturate by 10%, it is **92.2410, -11.9508, 53.2856**.

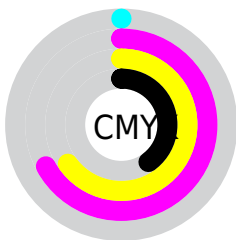
Distribution



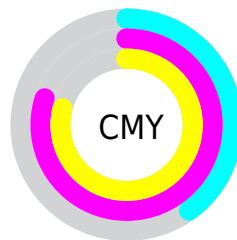
- Red (60%)
- Green (20%)
- Blue (21%)



- Red (60%)
- Yellow (20%)
- Blue (21%)



- Cyan (0%)
- Magenta (67%)
- Yellow (65%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7260, -14.1619, 62.5073 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 81.7260, -14.1619, 62.5073 by changing the saturation by 10% instead.

81.7260, -14.1619,
62.5073

81.7260, -14.1619,
62.5073

255.0000, 0.0000,
0.0000

54.2250, -10.9569,
61.1927

135.2490,
-17.3778, 67.3106

29.7300, -10.2199,
58.1188

163.2170,
-18.8410, 69.9697

20.3320, -10.0237,
41.8048

185.5040,
-17.5035, 60.9480

12.3730, -5.6069,
25.1059

204.4310,
-13.5235, 44.3490

0.0000, 0.0000,
0.0000

224.6460, -9.6855,
26.6205

244.2740, -5.5581,

■ 81.7260, -14.1619,
62.5073

■ 81.7260, -14.1619,
62.5073

■ 71.2110, -16.3730,
71.7290

■ 92.2410, -11.9508,
53.2856

■ 60.1090, -18.2947,
81.4654

■ 103.3430,
-10.0291, 43.5492

■ 49.5940, -20.5058,
90.6871

■ 113.8580, -7.8180,
34.3275

■ 46.0890, -21.2429,
93.7609

■ 124.3730, -5.6069,
25.1059

■ 135.4750, -3.6852,
15.3694

■ 145.9900, -1.4741,
6.1478

■ 156.5050, 0.7370,
-3.0739

■ 167.0200, 2.9481,
-12.2955

■ 178.1220, 4.8699,
-22.0320

Harmonies

Analogous

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



82.8240, 4.0308, 60.6674



81.7260, -14.1619, 62.5073



82.6320, -31.8636, 46.8037

Triad

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



81.7260, -14.1619, 62.5073



64.0750, -10.8830, -56.1938



72.7000, 45.0109, -63.7579

Complementary

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



81.7260, -14.1619, 62.5073



122.2740, 14.1619, -62.5073

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.



76.6150, 37.1648, -67.1914



81.7260, -14.1619, 62.5073



70.3960, 5.7208, -61.7373

Square

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



81.7260, -14.1619, 62.5073



76.6240, -36.7896, -6.6862



74.8420, 22.7559, -65.6364



86.3050, 34.3596, -7.2835

Rectangle

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



81.7260, -14.1619, 62.5073



81.6550, -40.2559, 31.8746



74.8420, 22.7559, -65.6364



74.8200, 42.9797, -65.6171

Sweetspot

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



81.7260, -14.1619, 62.5073



171.0740, -5.4595, 24.4911



92.2290, 29.9601, 50.6652



82.8770, -3.3904, 14.1399



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



81.7260, -14.1619, 62.5073



87.8830, -22.1273, 97.4496



109.6740, -28.9263, 37.9969



71.3920, -1.1793, 4.9182



42.2020, -19.3266, 85.7688



3.8870, -1.9163, 7.9921

Inverse Universe

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



81.7260, -14.1619, 62.5073



87.8830, -22.1273, 97.4496



94.3260, 28.9263, -37.9969



71.3920, -1.1793, 4.9182



42.2020, -19.3266, 85.7688



3.8870, -1.9163, 7.9921

Previews

White Background



This preview shows how the YUV color 81.7260, -14.1619, 62.5073 looks on a white background.

Color Contrast Check

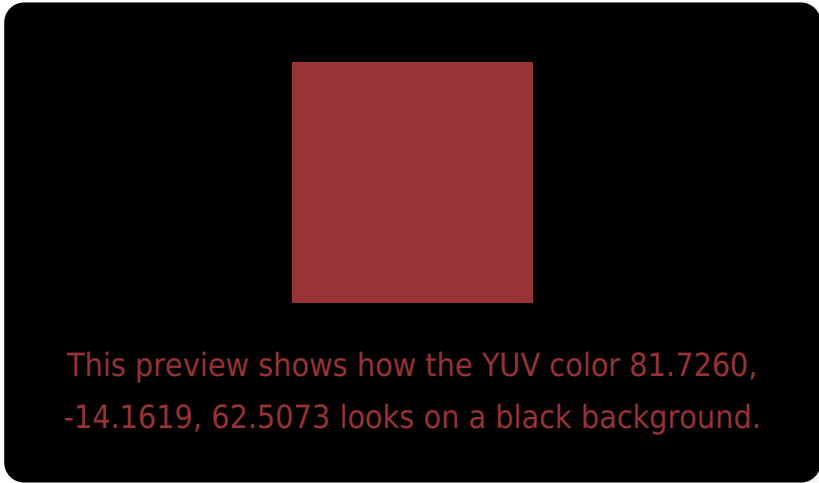
Large Text (above 18pt) WCAG AA ✓ Pass

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

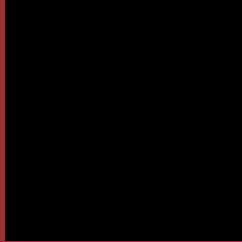
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7260, -14.1619, 62.5073

Background



This preview shows how black text looks on a background with the YUV color 81.7260, -14.1619, 62.5073.



This preview shows how white text looks on a background with the YUV color 81.7260, -14.1619,

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

81.7260, -14.1619, 62.5073

Protanopia

86.5140, -9.6204, 5.6882

Deuteranopia

86.1860, -18.8257, 18.2539



Tritanopia

81.8400, -13.7251, 62.4073

Trichromacy



Original Color

81.7260, -14.1619, 62.5073

Protanomaly

84.8910, -11.2853, 26.4056

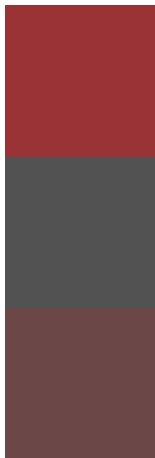
Deuteranomaly

84.4530, -16.9853, 34.6827

Tritanomaly

81.8400, -13.7251, 62.4073

Monochromacy



Original Color

81.7260, -14.1619, 62.5073

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0630, -5.4541, 22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7260, -14.1619, 62.5073 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(153, 51, 53)` looks like.

```
.text, #text, p{  
    color:rgb(153, 51, 53)  
}
```

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(153, 51, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 51, 53) }
```

Border

The CSS property to change the border of an element to YUV 81.7260, -14.1619, 62.5073 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(153, 51, 53) }
```


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

```
.border{ border-color:rgb(153, 51, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 51, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 51, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 51, 53);  
box-shadow:4px 4px 4px 4px rgb(153, 51,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 81.7260, -14.1619, 62.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 51, 53) }
```

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

```
.background{ background-color: rgb(153, 51,  
53) }
```

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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