

Converting Colors

YUV(81.8290, -13.7197,
60.6630)

Have a look what the booklet for
YUV(81.8290, -13.7197, 60.6630)
contains.

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Color

**YUV(81.8290, -13.7197,
60.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	973436
RGB	151, 52, 54
RGB Percent	59%, 20%, 21%
CMY	0.4078, 0.7961, 0.7882
CMYK	0.00, 0.66, 0.64, 0.41
HSL	359°, 49%, 40%
HSV	359°, 66%, 59%
XYZ	14.6563, 9.3016, 4.5129
YIQ	81.8290, 58.3620, 21.6100

Conversions

Conversions Part 2

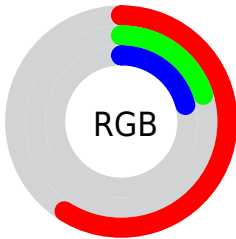
Format	Color
R_{YB}	151, 52, 54
Decimal	9909302
CIE _{Lab}	36.56, 41.58, 21.40
CIE _{LCh}	37, 46.762, 27.240
Yxy	9.3016, 0.5148, 0.3267
Android (android.graphics.Color)	4288099382 (0xFF973436)
YUV	81.8290, -13.7197, 60.6630
Hunter-Lab	30.4986, 32.4071, 12.5757

Details

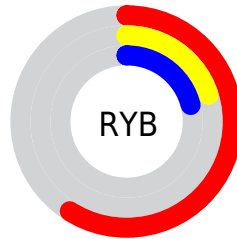
The YUV color **81.8290, -13.7197, 60.6630** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **121.1710, 13.7197, -60.6630**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3520, -16.9355, 65.4663**, and **29.3600, -9.0515, 56.6893** is the 20% darker color. If you saturate the color by 10%, you get **71.3140, -15.9308, 69.8846**, and if you desaturate by 10%, it is **92.3440, -11.5086, 51.4413**.

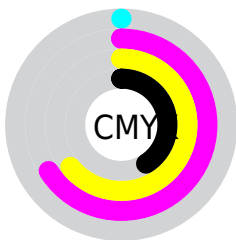
Distribution



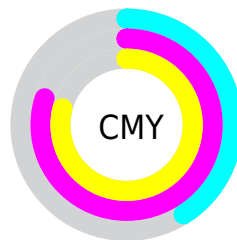
- Red (59%)
- Green (20%)
- Blue (21%)



- Red (59%)
- Yellow (20%)
- Blue (21%)



- Cyan (0%)
- Magenta (66%)
- Yellow (64%)
- Black (41%)



- Cyan (41%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8290, -13.7197, 60.6630 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 81.8290, -13.7197, 60.6630 by changing the saturation by 10% instead.

■ 81.8290, -13.7197,
60.6630

■ 81.8290, -13.7197,
60.6630

■ 255.0000, 0.0000,
0.0000

■ 54.9150, -10.8041,
58.8335

■ 135.3520,
-16.9355, 65.4663

■ 29.3600, -9.0515,
56.6893

■ 162.4340,
-17.9620, 68.0254

■ 19.7340, -9.7289,
40.5753

■ 185.7320,
-16.6299, 60.7480

■ 12.0740, -5.4595,
24.4911

■ 205.1320,
-13.3761, 43.7342

■ 0.0000, 0.0000,
0.0000

■ 224.7600, -9.2487,
26.5205

■ 244.9750, -5.4107,

8.7919

■ 81.8290, -13.7197,
60.6630

■ 81.8290, -13.7197,
60.6630

■ 71.3140, -15.9308,
69.8846

■ 92.3440, -11.5086,
51.4413

■ 60.7990, -18.1419,
79.1063

■ 102.8590, -9.2975,
42.2197

■ 50.3980, -19.9162,
88.2280

■ 113.2600, -7.5232,
33.0980

■ 45.4910, -20.9481,
92.5314

■ 123.7750, -5.3121,
23.8763

■ 134.8770, -3.3904,
14.1399

■ 145.3920, -1.1793,
4.9182

■ 155.9070, 1.0318,
-4.3034

■ 166.3080, 2.8062,
-13.4251

■ 176.8230, 5.0173,
-22.6468

Harmonies

Analogous

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



82.8130, 4.0362, 58.9230



81.8290, -13.7197, 60.6630



82.5610, -30.8426, 45.9890

Triad

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



81.8290, -13.7197, 60.6630



63.6020, -10.1568, -55.7790



72.3580, 43.7005, -63.4580

Complementary

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



81.8290, -13.7197, 60.6630



121.1710, 13.7197, -60.6630

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.



75.6860, 36.1438, -66.3766



81.8290, -13.7197, 60.6630



69.6950, 5.5734, -61.1225

Square

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



81.8290, -13.7197, 60.6630



76.6780, -35.3373, -5.8566



74.0270, 22.1717, -64.9217



86.5500, 32.7599, -7.4983

Rectangle

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



81.8290, -13.7197, 60.6630



80.7690, -39.8191, 31.7746



74.0270, 22.1717, -64.9217



73.8910, 41.9587, -64.8024

Sweetspot

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



81.8290, -13.7197, 60.6630



168.7750, -5.3121, 23.8763



91.9900, 29.0919, 49.1208



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.



81.8290, -13.7197, 60.6630



87.6870, -21.5377, 94.9905



108.6030, -27.9053, 37.1822



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.



81.8290, -13.7197, 60.6630



87.6870, -21.5377, 94.9905



94.3970, 27.9053, -37.1822



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 81.8290, -13.7197, 60.6630 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



This preview shows how the YUV color 81.8290, -13.7197, 60.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

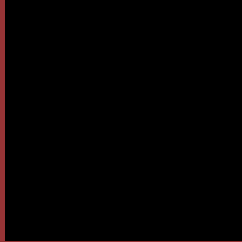
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.8290, -13.7197, 60.6630

Background



This preview shows how black text looks on a background with the YUV color 81.8290, -13.7197, 60.6630.

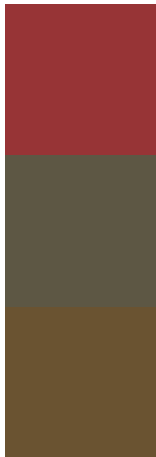


This preview shows how white text looks on a background with the YUV color 81.8290, -13.7197,

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

81.8290, -13.7197, 60.6630

Protanopia

86.6280, -9.1836, 5.5882

Deuteranopia

86.0010, -18.2415, 17.5391



Tritanopia

81.9430, -13.2829, 60.5630

Trichromacy



Original Color

81.8290, -13.7197, 60.6630

Protanomaly

84.7060, -10.7011, 25.6908

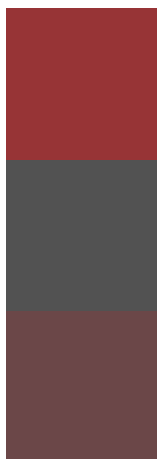
Deuteranomaly

84.5560, -16.5431, 32.8384

Tritanomaly

81.9430, -13.2829, 60.5630

Monochromacy



Original Color

81.8290, -13.7197, 60.6630

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8780, -4.8699, 22.0320

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8290, -13.7197, 60.6630 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(151, 52, 54)` looks like.

```
.text, #text, p{  
    color:rgb(151, 52, 54)  
}
```

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(151, 52, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 52, 54) }
```

Border

The CSS property to change the border of an element to YUV 81.8290, -13.7197, 60.6630 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(151, 52, 54) }
```


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

```
.border{ border-color:rgb(151, 52, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 52, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 52, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 52, 54);  
box-shadow:4px 4px 4px 4px rgb(151, 52,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 81.8290, -13.7197, 60.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 52, 54) }
```

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

```
.background{ background-color: rgb(151, 52,  
54) }
```

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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