

Converting Colors

YUV(81.2550, -16.3947,
78.7064)

Have a look what the booklet for
YUV(81.2550, -16.3947, 78.7064)
contains.

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Color

**YUV(81.2550, -16.3947,
78.7064)**

Conversions

Conversions Part 1

Format	Color
Hex	AB2A30
RGB	171, 42, 48
RGB Percent	67%, 16%, 19%
CMY	0.3294, 0.8353, 0.8118
CMYK	0.00, 0.75, 0.72, 0.33
HSL	357°, 61%, 42%
HSV	357°, 75%, 67%
XYZ	18.1561, 10.5273, 3.8713
YIQ	81.2550, 74.9580, 29.2140

Conversions

Conversions Part 2

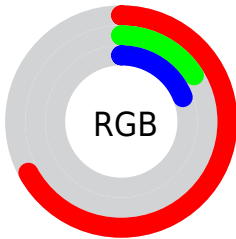
Format	Color
RYB	171, 42, 48
Decimal	11217456
CIELab	38.77, 51.87, 28.67
CIElCh	39, 59.267, 28.930
Yxy	10.5273, 0.5577, 0.3234
Android (android.graphics.Color)	4289407536 (0xFFAB2A30)
YUV	81.2550, -16.3947, 78.7064
Hunter-Lab	32.4457, 43.1054, 15.6377

Details

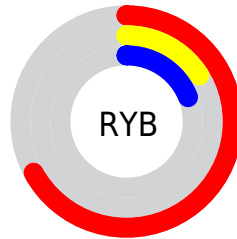
The YUV color **81.2550, -16.3947, 78.7064** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **131.7450, 16.3947, -78.7064**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6100, -21.4997, 82.7800**, and **33.4170, -15.4886, 68.0403** is the 20% darker color. If you saturate the color by 10%, you get **69.4520, -18.4638, 89.0576**, and if you desaturate by 10%, it is **93.0580, -14.3256, 68.3551**.

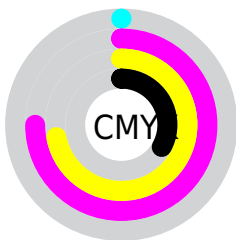
Distribution



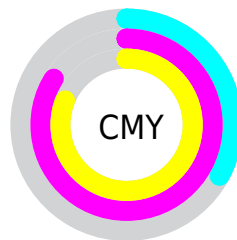
- Red (67%)
- Green (16%)
- Blue (19%)



- Red (67%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (75%)
- Yellow (72%)
- Black (33%)



- Cyan (33%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2550, -16.3947, 78.7064 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 81.2550, -16.3947, 78.7064 by changing the saturation by 10% instead.

■ 81.2550, -16.3947,
78.7064

■ 81.2550, -16.3947,
78.7064

■ 255.0000, 0.0000,
0.0000

■ 45.8240, -9.2802,
83.4694

■ 137.6100,
-21.4997, 82.7800

■ 33.4170, -15.4886,
68.0403

■ 163.1860,
-21.7837, 80.5209

■ 24.5180, -12.0874,
50.4117

■ 182.5860,
-18.5299, 63.5071

■ 16.6730, -7.2338,
33.6128

■ 201.9860,
-15.2761, 46.4933

■ 2.6910, -1.3267,
5.5330

■ 222.2010,
-11.4381, 28.7647

■ 0.0000, 0.0000,
0.0000

■ 242.4160, -7.6001,

11.0362

■ 81.2550, -16.3947,
78.7064

■ 81.2550, -16.3947,
78.7064

■ 69.4520, -18.4638,
89.0576

■ 93.0580, -14.3256,
68.3551

■ 57.5350, -20.9698,
99.5088

■ 104.9750,
-11.8197, 57.9039

■ 52.0410, -21.7122,
104.3270

■ 116.7780, -9.7506,
47.5527

■ 128.5810, -7.6814,
37.2015

■ 140.4980, -5.1755,
26.7503

■ 152.8880, -3.3958,
15.8842

■ 164.6910, -1.3267,
5.5330

■ 176.4940, 0.7425,
-4.8182

■ 188.4110, 3.2484,
-15.2694

Harmonies

Analogous

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



79.2810, 7.7495, 81.3146



81.2550, -16.3947, 78.7064



84.4670, -41.6422, 56.5954

Triad

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



81.2550, -16.3947, 78.7064



68.2010, -15.3821, -59.8123



79.0720, 54.1945, -69.3461

Complementary

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



81.2550, -16.3947, 78.7064



131.7450, 16.3947, -78.7064

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.



83.2320, 44.7486, -72.9945



81.2550, -16.3947, 78.7064



75.7760, 6.0264, -66.4556

Square

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



81.2550, -16.3947, 78.7064



79.3090, -39.0993, -12.5490



81.3620, 27.4295, -71.3545



90.7700, 42.5114, -8.5683

Rectangle

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



81.2550, -16.3947, 78.7064



86.3950, -42.5927, 34.7336



81.3620, 27.4295, -71.3545



81.1920, 52.1633, -71.2054

Sweetspot

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



81.2550, -16.3947, 78.7064



186.4770, -6.6442, 31.1537



93.4830, 38.2159, 62.7204



90.3830, -4.1328, 18.9581



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



81.2550, -16.3947, 78.7064



81.4240, -25.8450, 123.2852



114.6170, -35.8002, 49.4479



80.6910, -1.3267, 5.5330



45.6480, -19.0535, 91.5167



6.9910, -2.9536, 14.0399

Inverse Universe

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



81.2550, -16.3947, 78.7064



81.4240, -25.8450, 123.2852



98.3830, 35.8002, -49.4479



80.6910, -1.3267, 5.5330



45.6480, -19.0535, 91.5167



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 81.2550, -16.3947, 78.7064 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 81.2550, -16.3947, 78.7064 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 81.2550, -16.3947, 78.7064

Background



This preview shows how black text looks on a background with the YUV color 81.2550, -16.3947, 78.7064.



This preview shows how white text looks on a background with the YUV color 81.2550, -16.3947,

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

81.2550, -16.3947, 78.7064

Protanopia

91.3140, -12.9728, 7.6176

Deuteranopia

90.6010, -24.9463, 21.3979



Tritanopia

81.3860, -18.4313, 78.5915

Trichromacy



Original Color

81.2550, -16.3947, 78.7064

Protanomaly

87.8380, -14.2171, 33.4681

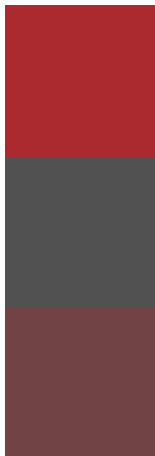
Deuteranomaly

86.9440, -21.6644, 42.1451

Tritanomaly

81.5000, -17.9945, 78.4915

Monochromacy



Original Color

81.2550, -16.3947, 78.7064

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2810, -6.0545, 28.6946

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2550, -16.3947, 78.7064 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(171, 42, 48)` looks like.

```
.text, #text, p{  
    color:rgb(171, 42, 48)  
}
```

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(171, 42, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 42, 48) }
```

Border

The CSS property to change the border of an element to YUV 81.2550, -16.3947, 78.7064 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(171, 42, 48) }
```


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

```
.border{ border-color:rgb(171, 42, 48) }
```

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

Here you see how a box with a 4 pixel rgb(171, 42, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 42, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 42, 48);  
box-shadow:4px 4px 4px 4px rgb(171, 42,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 81.2550, -16.3947, 78.7064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 42, 48) }
```

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

```
.background{ background-color: rgb(171, 42,  
48) }
```

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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