

Converting Colors

YUV(82.3190, -10.0173,
86.5432)

Have a look what the booklet for
YUV(82.3190, -10.0173, 86.5432)
contains.

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Color

**YUV(82.3190, -10.0173,
86.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	B5243E
RGB	181, 36, 62
RGB Percent	71%, 14%, 24%
CMY	0.2902, 0.8588, 0.7569
CMYK	0.00, 0.80, 0.66, 0.29
HSL	349°, 67%, 43%
HSV	349°, 80%, 71%
XYZ	20.5564, 11.4333, 5.6808
YIQ	82.3190, 78.0740, 38.8260

Conversions

Conversions Part 2

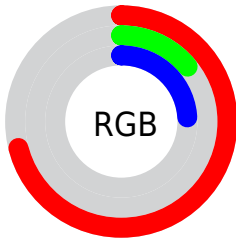
Format	Color
R _Y B	181, 36, 62
Decimal	11871294
CIE _{Lab}	40.30, 57.45, 22.34
CIE _{LCh}	40, 61.641, 21.246
Y _{xy}	11.4333, 0.5457, 0.3035
Android (android.graphics.Color)	4290061374 (0xFFB5243E)
YUV	82.3190, -10.0173, 86.5432
Hunter-Lab	33.8132, 49.3445, 13.7081

Details

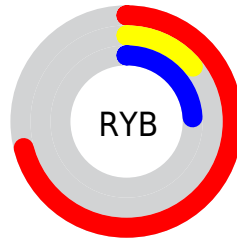
The YUV color **82.3190, -10.0173, 86.5432** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **134.6810, 10.0173, -86.5432**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4350, -15.9905, 89.0725**, and **38.5730, -8.6635, 72.2885** is the 20% darker color. If you saturate the color by 10%, you get **70.0430, -11.3602, 97.3093**, and if you desaturate by 10%, it is **94.5950, -8.6743, 75.7772**.

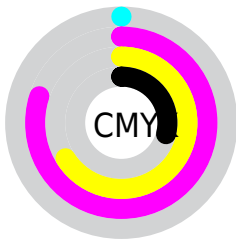
Distribution



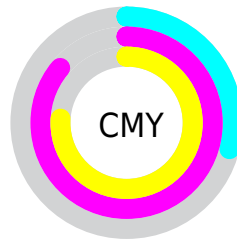
- Red (71%)
- Green (14%)
- Blue (24%)



- Red (71%)
- Yellow (14%)
- Blue (24%)



- Cyan (0%)
- Magenta (80%)
- Yellow (66%)
- Black (29%)



- Cyan (29%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3190, -10.0173, 86.5432 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 82.3190, -10.0173, 86.5432 by changing the saturation by 10% instead.

■ 82.3190, -10.0173,
86.5432

■ 82.3190, -10.0173,
86.5432

255.0000, 0.0000,
0.0000

■ 49.7090, -4.7865,
88.8322

■ 141.4350,
-15.9905, 89.0725

■ 38.5730, -8.6635,
72.2885

■ 164.4230,
-14.5055, 79.4360

■ 27.2090, -13.4140,
55.9447

■ 183.8230,
-11.2517, 62.4222

■ 19.4780, -8.1237,
39.0458

■ 203.3370, -7.5611,
45.3085

■ 8.7850, -3.8380,
17.7286

■ 223.4380, -4.1599,
27.6799

■ 0.0000, 0.0000,
0.0000

■ 243.7670, 0.1149,

9.8513

■ 82.3190, -10.0173,
86.5432

■ 82.3190, -10.0173,
86.5432

■ 70.0430, -11.3602,
97.3093

■ 94.5950, -8.6743,
75.7772

■ 57.7670, -12.7031,
108.0753

■ 106.8710, -7.3314,
65.0111

■ 119.1470, -5.9885,
54.2451

■ 131.3090, -5.0823,
43.5790

■ 144.1720, -4.0288,
32.2982

■ 156.4480, -2.6859,
21.5321

■ 168.7240, -1.3429,
10.7661

■ 181.0000, 0.0000,
0.0000

■ 193.2760, 1.3429,
-10.7661

Harmonies

Analogous

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



84.7630, 13.4278, 80.0148



82.3190, -10.0173, 86.5432



87.4450, -38.1804, 66.2617

Triad

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



82.3190, -10.0173, 86.5432



68.3660, -22.3654, -59.9570



84.5660, 54.9370, -74.1644

Complementary

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



82.3190, -10.0173, 86.5432



134.6810, 10.0173, -86.5432

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.



86.6400, 42.5755, -75.9833



82.3190, -10.0173, 86.5432



76.9840, 0.5009, -67.5150

Square

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



82.3190, -10.0173, 86.5432



84.9790, -41.8946, -2.6126



83.4990, 22.9250, -73.2286



88.2660, 50.1549, -33.5593

Rectangle

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



82.3190, -10.0173, 86.5432



89.7060, -44.2251, 44.9848



83.4990, 22.9250, -73.2286



85.7570, 51.8848, -75.2089

Sweetspot

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



82.3190, -10.0173, 86.5432



196.1830, -4.0342, 34.0425



87.8120, 45.9417, 58.0469



93.8500, -2.3910, 20.3026



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



82.3190, -10.0173, 86.5432



81.2480, -15.4053, 134.8405



106.3570, -34.6860, 65.4619



82.9190, -0.4531, 5.3330



48.8250, -10.7597, 91.3615



8.3440, -1.6486, 15.4843

Inverse Universe

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



82.3190, -10.0173, 86.5432



81.2480, -15.4053, 134.8405



110.6430, 34.6860, -65.4619



82.9190, -0.4531, 5.3330



48.8250, -10.7597, 91.3615



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 82.3190, -10.0173, 86.5432 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 82.3190, -10.0173, 86.5432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

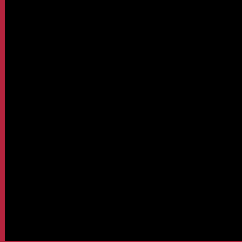
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.3190, -10.0173, 86.5432

Background



This preview shows how black text looks on a background with the YUV color 82.3190, -10.0173, 86.5432.



This preview shows how white text looks on a background with the YUV color 82.3190, -10.0173,

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

82.3190, -10.0173, 86.5432

Protanopia

96.0560, -4.9576, 3.4589

Deuteranopia

95.1430, -20.2835, 19.1686



Tritanopia

82.5610, -20.4896, 85.4540

Trichromacy



Original Color

82.3190, -10.0173, 86.5432

Protanomaly

90.7870, -6.7970, 33.5128

Deuteranomaly

90.6220, -16.5756, 43.3045

Tritanomaly

82.2990, -16.4164, 85.6838

Monochromacy



Original Color

82.3190, -10.0173, 86.5432

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9870, -3.4446, 31.5834

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3190, -10.0173, 86.5432 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(181, 36, 62)` looks like.

```
.text, #text, p{  
    color:rgb(181, 36, 62)  
}
```

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(181, 36, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 36, 62) }
```

Border

The CSS property to change the border of an element to YUV 82.3190, -10.0173, 86.5432 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(181, 36, 62) }
```


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

```
.border{ border-color:rgb(181, 36, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 36, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 36, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 36, 62);  
box-shadow:4px 4px 4px 4px rgb(181, 36,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 82.3190, -10.0173, 86.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 36, 62) }
```

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

```
.background{ background-color: rgb(181, 36,  
62) }
```

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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