

Converting Colors

YUV(81.5290, -5.1908, 78.4661)

Have a look what the booklet for
YUV(81.5290, -5.1908, 78.4661)
contains.

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Color

**YUV(81.5290, -5.1908,
78.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	AB2647
RGB	171, 38, 71
RGB Percent	67%, 15%, 28%
CMY	0.3294, 0.8510, 0.7216
CMYK	0.00, 0.78, 0.58, 0.33
HSL	345°, 64%, 41%
HSV	345°, 78%, 67%
XYZ	18.6250, 10.4991, 7.0061
YIQ	81.5290, 68.6750, 38.4590

Conversions

Conversions Part 2

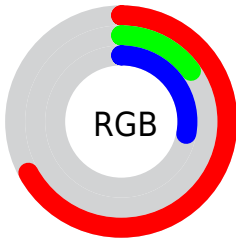
Format	Color
R_{YB}	171, 38, 71
Decimal	11216455
CIE Lab	38.72, 54.54, 14.21
CIE LCh	39, 56.360, 14.601
Yxy	10.4991, 0.5155, 0.2906
Android (android.graphics.Color)	4289406535 (0xFFAB2647)
YUV	81.5290, -5.1908, 78.4661
Hunter-Lab	32.4023, 45.8988, 9.8618

Details

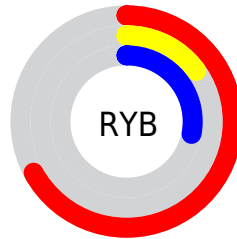
The YUV color **81.5290, -5.1908, 78.4661** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **127.4710, 5.1908, -78.4661**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2860, -10.0010, 81.3102**, and **36.6800, -4.2792, 66.0556** is the 20% darker color. If you saturate the color by 10%, you get **70.0680, -5.9495, 88.5174**, and if you desaturate by 10%, it is **92.9900, -4.4321, 68.4148**.

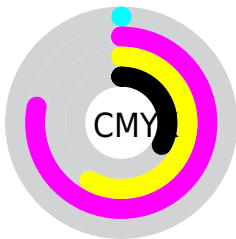
Distribution



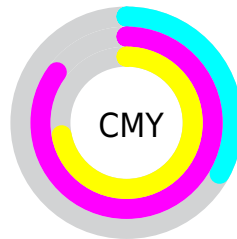
- Red (67%)
- Green (15%)
- Blue (28%)



- Red (67%)
- Yellow (15%)
- Blue (28%)



- Cyan (0%)
- Magenta (78%)
- Yellow (58%)
- Black (33%)





- Cyan (33%)
- Magenta (85%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.5290, -5.1908, 78.4661 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 81.5290, -5.1908, 78.4661 by changing the saturation by 10% instead.


 81.5290, -5.1908,
78.4661

 81.5290, -5.1908,
78.4661


255.0000, 0.0000,
0.0000


 47.7450, 0.6187,
81.7846


 139.2860,
-10.0010, 81.3102

 36.6800, -4.2792,
66.0556


 164.9760, -9.8482,
78.9510


 25.2300, -11.9454,
51.5413

 184.3760, -6.5944,
61.9372

 17.2710, -7.5286,
34.8423

 203.8900, -2.9038,
44.8235

 4.4850, -2.2111,
9.2217

 224.1050, 0.9342,
27.0949

 0.0000, 0.0000,
0.0000

 244.4340, 5.2090,

■ 81.5290, -5.1908,
78.4661

■ 81.5290, -5.1908,
78.4661

■ 70.0680, -5.9495,
88.5174

■ 92.9900, -4.4321,
68.4148

■ 58.6070, -6.7083,
98.5687

■ 104.4510, -3.6733,
58.3635

■ 55.9170, -6.8611,
100.9278

■ 115.9120, -2.9146,
48.3122

■ 127.2590, -2.5927,
38.3609

■ 138.7200, -1.8340,
28.3096

■ 150.7680, -1.3646,
17.7435

■ 162.2290, -0.6059,
7.6922

■ 173.6900, 0.1528,
-2.3591

■ 185.1510, 0.9116,
-12.4104

Harmonies

Analogous

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



86.4190, 15.0764, 64.5305



81.5290, -5.1908, 78.4661



84.6650, -28.4288, 65.1918

Triad

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



81.5290, -5.1908, 78.4661



72.9130, -28.5511, -35.8807



80.9810, 48.8164, -71.0203

Complementary

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



81.5290, -5.1908, 78.4661



127.4710, 5.1908, -78.4661

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.



82.2400, 35.8707, -72.1245



81.5290, -5.1908, 78.4661



71.9800, -3.4411, -63.1265

Square

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



81.5290, -5.1908, 78.4661



83.2620, -41.0482, 5.9092



78.0390, 17.2358, -68.4402



72.8770, 53.3046, -63.9131

Rectangle

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



81.5290, -5.1908, 78.4661



85.5970, -42.1993, 48.5884



78.0390, 17.2358, -68.4402



82.0580, 45.3274, -71.9649

Sweetspot

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



81.5290, -5.1908, 78.4661



187.6170, -2.2762, 30.1539



83.0620, 43.3534, 48.1806



91.1810, -1.0752, 18.2583



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.



81.5290, -5.1908, 78.4661



83.4080, -8.0891, 121.5452



97.1380, -29.1550, 64.7770



80.9190, -0.4531, 5.3330



49.0680, -5.9495, 88.5174



7.5610, -0.7696, 13.5400

Inverse Universe

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



81.5290, -5.1908, 78.4661



83.4080, -8.0891, 121.5452



111.8620, 29.1550, -64.7770



80.9190, -0.4531, 5.3330



49.0680, -5.9495, 88.5174



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 81.5290, -5.1908, 78.4661 looks on a white background.

Color Contrast Check

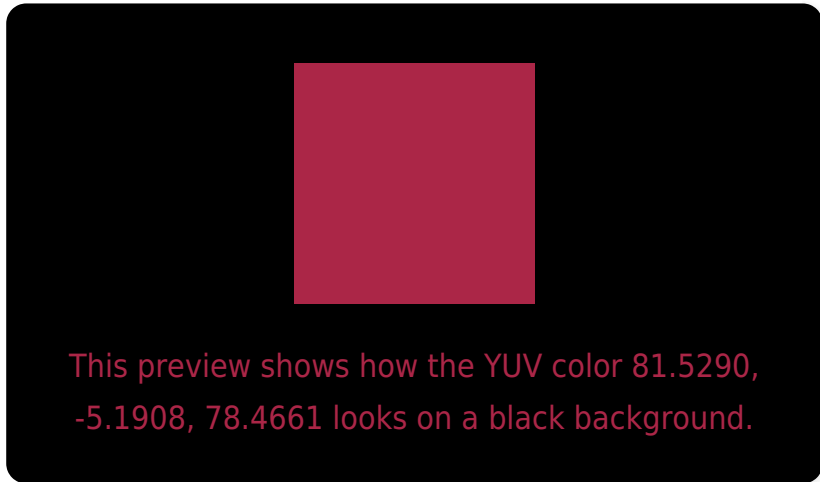
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

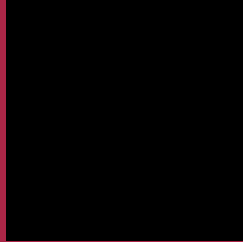
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.5290, -5.1908, 78.4661

Background



This preview shows how black text looks on a background with the YUV color 81.5290, -5.1908, 78.4661.



This preview shows how white text looks on a background with the YUV color 81.5290, -5.1908,

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

81.5290, -5.1908, 78.4661

Protanopia

92.7550, 1.5998, 0.2149

Deuteranopia

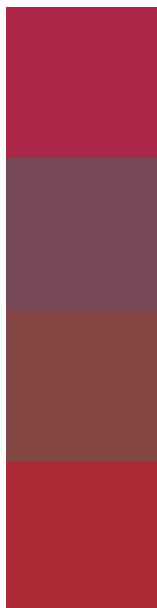
91.8420, -13.7261, 15.9246



Tritanopia

81.7880, -18.1365, 77.3619

Trichromacy



Original Color

81.5290, -5.1908, 78.4661

Protanomaly

88.3610, -0.6710, 28.6244

Deuteranomaly

88.1960, -10.4496, 38.4161

Tritanomaly

81.6400, -13.6265, 77.4917

Monochromacy



Original Color

81.5290, -5.1908, 78.4661

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7200, -1.8340, 28.3096

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.5290, -5.1908, 78.4661 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, 38, 71)` looks like.

```
.text, #text, p{  
    color:rgb(171, 38, 71)  
}
```

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, 38, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 38, 71) }
```

Border

The CSS property to change the border of an element to YUV 81.5290, -5.1908, 78.4661 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, 38, 71) }
```


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

```
.border{ border-color:rgb(171, 38, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 38, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 38, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 38, 71);  
box-shadow:4px 4px 4px 4px rgb(171, 38,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 81.5290, -5.1908, 78.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 38, 71) }
```

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

```
.background{ background-color: rgb(171, 38,  
71) }
```

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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