

Converting Colors

YUV(81.8220, -6.3212, 67.6851)

Have a look what the booklet for
YUV(81.8220, -6.3212, 67.6851)
contains.

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Color

**YUV(81.8220, -6.3212,
67.6851)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2D45
RGB	159, 45, 69
RGB Percent	62%, 18%, 27%
CMY	0.3765, 0.8235, 0.7294
CMYK	0.00, 0.72, 0.57, 0.38
HSL	347°, 56%, 40%
HSV	347°, 72%, 62%
XYZ	16.3106, 9.6774, 6.6385
YIQ	81.8220, 60.2400, 31.6320

Conversions

Conversions Part 2

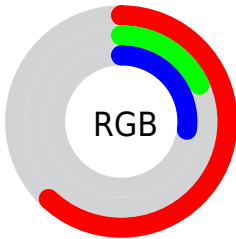
Format	Color
RYB	159, 45, 69
Decimal	10431813
CIELab	37.26, 48.30, 13.11
CIElCh	37, 50.043, 15.183
Yxy	9.6774, 0.4999, 0.2966
Android (android.graphics.Color)	4288621893 (0xFF9F2D45)
YUV	81.8220, -6.3212, 67.6851
Hunter-Lab	31.1085, 39.1504, 9.1236

Details

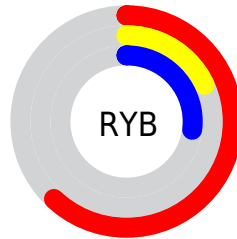
The YUV color **81.8220, -6.3212, 67.6851** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **122.1780, 6.3212, -67.6851**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6330, -9.6791, 71.3589**, and **33.1630, -3.5314, 59.4930** is the 20% darker color. If you saturate the color by 10%, you get **70.9480, -7.3694, 77.2216**, and if you desaturate by 10%, it is **92.6960, -5.2731, 58.1486**.

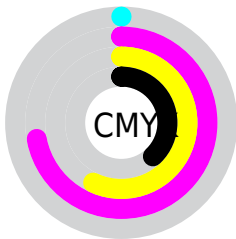
Distribution



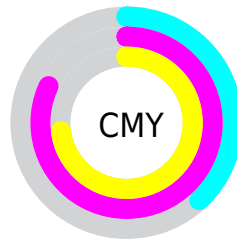
- Red (62%)
- Green (18%)
- Blue (27%)



- Red (62%)
- Yellow (18%)
- Blue (27%)



- Cyan (0%)
- Magenta (72%)
- Yellow (57%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8220, -6.3212, 67.6851 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 81.8220, -6.3212, 67.6851 by changing the saturation by 10% instead.

81.8220, -6.3212,
67.6851

81.8220, -6.3212,
67.6851

255.0000, 0.0000,
0.0000

50.6850, -1.8167,
69.5593

136.6330, -9.6791,
71.3589

33.1630, -3.5314,
59.4930

164.6010,
-11.1423, 74.0179

22.1260, -10.9081,
45.4935

185.3220, -8.0467,
61.1076

14.2810, -6.0545,
28.6946

204.8360, -4.3561,
43.9938

0.0000, 0.0000,
0.0000

225.0510, -0.5181,
26.2653

245.3800, 3.7567,

8.4367

■ 81.8220, -6.3212,
67.6851

■ 81.8220, -6.3212,
67.6851

■ 70.9480, -7.3694,
77.2216

■ 92.6960, -5.2731,
58.1486

■ 60.1880, -7.9807,
86.6581

■ 103.4560, -4.6618,
48.7121

■ 51.3030, -9.0234,
94.4503

■ 114.3300, -3.6137,
39.1756

■ 125.0900, -3.0024,
29.7391

■ 135.9640, -1.9543,
20.2026

■ 146.1370, -1.0535,
11.2809

■ 157.0110, -0.0054,
1.7444

■ 167.7710, 0.6059,
-7.6922

■ 178.6450, 1.6540,
-17.2287

Harmonies

Analogous

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



85.1530, 11.7566, 55.9938



81.8220, -6.3212, 67.6851



83.0060, -25.6390, 56.9997

Triad

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



81.8220, -6.3212, 67.6851



72.7980, -24.0574, -30.5178



76.4500, 44.1482, -67.0466

Complementary

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



81.8220, -6.3212, 67.6851



122.1780, 6.3212, -67.6851

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.



77.4640, 32.8022, -67.9359



81.8220, -6.3212, 67.6851



69.1590, -1.5574, -60.6524

Square

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



81.8220, -6.3212, 67.6851



80.0170, -39.4484, 6.1241



74.5340, 16.4987, -65.3663



79.2840, 42.7510, -38.8371

Rectangle

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



81.8220, -6.3212, 67.6851



82.7750, -38.8361, 43.1703



74.5340, 16.4987, -65.3663



77.6410, 41.0960, -68.0912

Sweetspot

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



81.8220, -6.3212, 67.6851



175.8940, -2.4127, 27.2800



84.6070, 36.6757, 43.3177



86.0560, -1.5066, 16.6139



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



81.8220, -6.3212, 67.6851



86.4400, -10.0769, 105.7311



97.8700, -26.0649, 53.6110



73.6200, -0.3057, 4.7183



46.1770, -7.9753, 84.9138



4.8270, -0.9007, 8.9217

Inverse Universe

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



81.8220, -6.3212, 67.6851



86.4400, -10.0769, 105.7311



106.1300, 26.0649, -53.6110



73.6200, -0.3057, 4.7183



46.1770, -7.9753, 84.9138



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 81.8220, -6.3212, 67.6851 looks on a white background.

Color Contrast Check

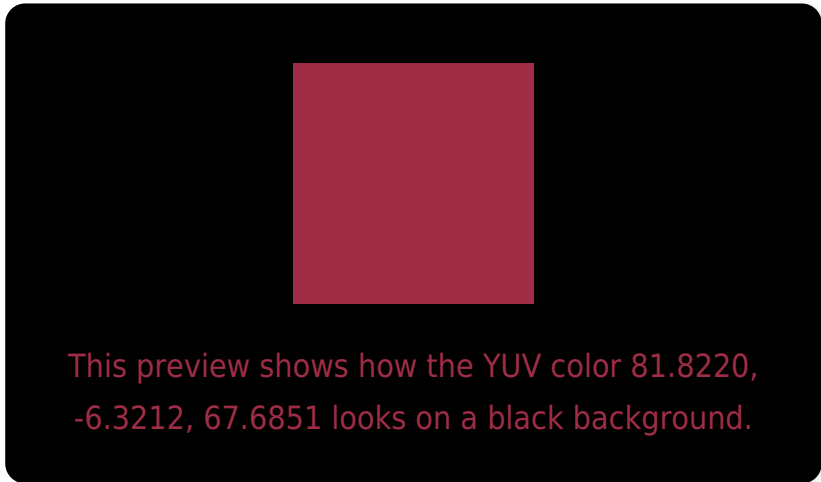
Large Text (above 18pt) WCAG AA ✓ Pass

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

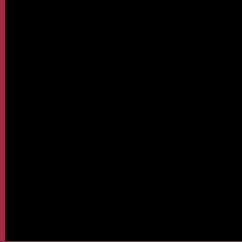
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.8220, -6.3212, 67.6851

Background



This preview shows how black text looks on a background with the YUV color 81.8220, -6.3212, 67.6851.



This preview shows how white text looks on a background with the YUV color 81.8220, -6.3212,

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

81.8220, -6.3212, 67.6851

Protanopia

88.8260, 0.5788, 1.0296

Deuteranopia

88.4720, -12.5577, 14.4951



Tritanopia

81.8190, -15.1938, 66.8107

Trichromacy



Original Color

81.8220, -6.3212, 67.6851

Protanomaly

85.9970, -1.9705, 25.4356

Deuteranomaly

85.8750, -10.2914, 34.3126

Tritanomaly

82.0300, -11.8468, 66.6257

Monochromacy



Original Color

81.8220, -6.3212, 67.6851

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1710, -2.5493, 24.4060

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8220, -6.3212, 67.6851 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(159, 45, 69)` looks like.

```
.text, #text, p{  
    color:rgb(159, 45, 69)  
}
```

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(159, 45, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 45, 69) }
```

Border

The CSS property to change the border of an element to YUV 81.8220, -6.3212, 67.6851 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(159, 45, 69) }
```


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

```
.border{ border-color:rgb(159, 45, 69) }
```

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

Here you see how a box with a 4 pixel rgb(159, 45, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 45, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 45, 69);  
box-shadow:4px 4px 4px 4px rgb(159, 45,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 81.8220, -6.3212, 67.6851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 45, 69) }
```

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

```
.background{ background-color: rgb(159, 45,  
69) }
```

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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