

Converting Colors

YUV(81.2580, -10.9732,
66.4257)

Have a look what the booklet for
YUV(81.2580, -10.9732, 66.4257)
contains.

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Color

**YUV(81.2580, -10.9732,
66.4257)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2F3B
RGB	157, 47, 59
RGB Percent	62%, 18%, 23%
CMY	0.3843, 0.8157, 0.7686
CMYK	0.00, 0.70, 0.62, 0.38
HSL	353°, 54%, 40%
HSV	353°, 70%, 62%
XYZ	15.7106, 9.5169, 5.1466
YIQ	81.2580, 61.7080, 27.0520

Conversions

Conversions Part 2

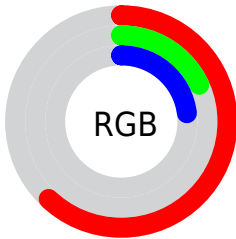
Format	Color
R_{YB}	157, 47, 59
Decimal	10301243
CIE Lab	36.96, 46.12, 19.00
CIE LCh	37, 49.882, 22.388
Yxy	9.5169, 0.5172, 0.3133
Android (android.graphics.Color)	4288491323 (0xFF9D2F3B)
YUV	81.2580, -10.9732, 66.4257
Hunter-Lab	30.8495, 36.9173, 11.7033

Details

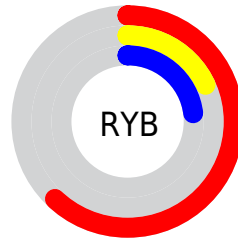
The YUV color **81.2580, -10.9732, 66.4257** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **122.7420, 10.9732, -66.4257**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6670, -14.6258, 71.3290**, and **31.5390, -7.1677, 59.1633** is the 20% darker color. If you saturate the color by 10%, you get **70.2700, -12.4581, 76.0622**, and if you desaturate by 10%, it is **92.2460, -9.4883, 56.7893**.

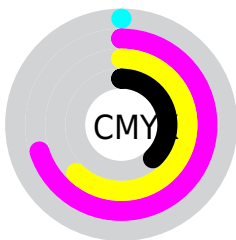
Distribution



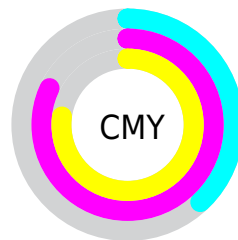
- Red (62%)
- Green (18%)
- Blue (23%)



- Red (62%)
- Yellow (18%)
- Blue (23%)



- Cyan (0%)
- Magenta (70%)
- Yellow (62%)
- Black (38%)





- Cyan (38%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.2580, -10.9732, 66.4257 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 81.2580, -10.9732, 66.4257 by changing the saturation by 10% instead.


 81.2580, -10.9732,
66.4257


 81.2580, -10.9732,
66.4257


255.0000, 0.0000,
0.0000


 51.8820, -7.3368,
66.7555


 135.6670,
-14.6258, 71.3290


 31.5390, -7.1677,
59.1633

 163.3360,
-15.9416, 73.3733


 21.2290, -10.4659,
43.6492

 184.5410,
-13.5777, 61.7925

 13.5690, -6.1965,
27.5650

 204.0550, -9.8871,
44.6788

 0.0000, 0.0000,
0.0000

 223.6830, -5.7597,
27.4650

 243.8980, -1.9217,

9.7365

■ 81.2580, -10.9732,
66.4257

■ 81.2580, -10.9732,
66.4257

■ 70.2700, -12.4581,
76.0622

■ 92.2460, -9.4883,
56.7893

■ 59.8690, -14.2324,
85.1839

■ 102.6470, -7.7140,
47.6676

■ 48.8810, -15.7173,
94.8204

■ 113.6350, -6.2291,
38.0311

■ 124.6230, -4.7441,
28.3946

■ 135.6110, -3.2592,
18.7582

■ 146.0120, -1.4849,
9.6365

■ 157.0000, 0.0000,
0.0000

■ 167.9880, 1.4849,
-9.6365

■ 178.3890, 3.2592,
-18.7582

Harmonies

Analogous

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



83.4480, 7.6671, 60.9971



81.2580, -10.9732, 66.4257



82.5340, -29.8433, 52.1517

Triad

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



81.2580, -10.9732, 66.4257



67.0500, -16.2936, -47.4018



74.8030, 45.4531, -65.6022

Complementary

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



81.2580, -10.9732, 66.4257



122.7420, 10.9732, -66.4257

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.



76.9740, 36.0018, -67.5062



81.2580, -10.9732, 66.4257



69.5980, 2.6632, -61.0374

Square

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



81.2580, -10.9732, 66.4257



78.2010, -38.5531, -1.0533



74.8590, 20.2825, -65.6513



84.8520, 38.0340, -19.1642

Rectangle

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



81.2580, -10.9732, 66.4257



81.6880, -40.2722, 37.1076



74.8590, 20.2825, -65.6513



76.2220, 43.2746, -66.8467

Sweetspot

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



81.2580, -10.9732, 66.4257



174.4270, -4.1545, 25.9355



88.5430, 33.7493, 48.6358



84.7030, -2.8116, 15.1695



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



81.2580, -10.9732, 66.4257



86.1810, -17.3442, 103.3273



104.5440, -28.3692, 46.0039



73.5060, -0.7425, 4.8182



44.5810, -14.0904, 86.3135



4.7130, -1.3375, 9.0217

Inverse Universe

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



81.2580, -10.9732, 66.4257



86.1810, -17.3442, 103.3273



99.4560, 28.3692, -46.0039



73.5060, -0.7425, 4.8182



44.5810, -14.0904, 86.3135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 81.2580, -10.9732, 66.4257 looks on a white background.

Color Contrast Check

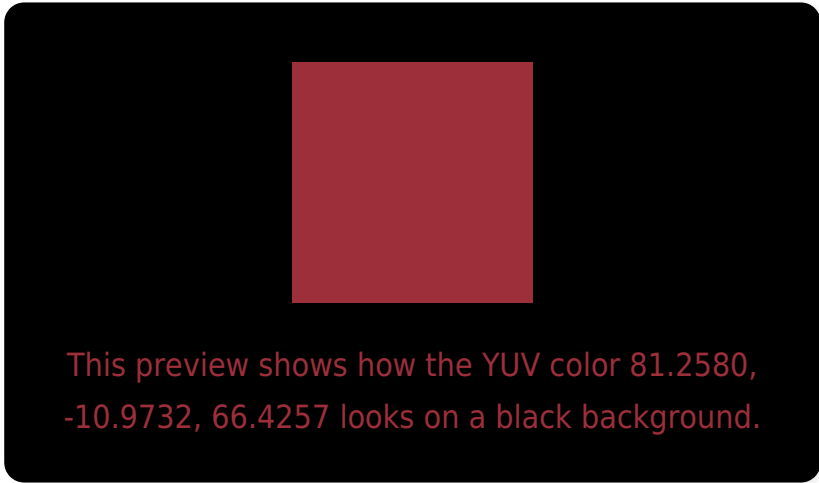
Large Text (above 18pt) WCAG AA ✓ Pass

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

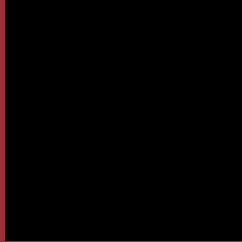
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.2580, -10.9732, 66.4257

Background



This preview shows how black text looks on a background with the YUV color 81.2580, -10.9732, 66.4257.



This preview shows how white text looks on a background with the YUV color 81.2580, -10.9732,

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

81.2580, -10.9732, 66.4257

Protanopia

87.8280, -5.8312, 3.6588

Deuteranopia

87.3430, -16.9311, 17.2392



Tritanopia

80.9330, -14.7570, 66.7108

Trichromacy



Original Color

81.2580, -10.9732, 66.4257

Protanomaly

85.5150, -7.6489, 26.7353

Deuteranomaly

85.3220, -14.9487, 34.7976

Tritanomaly

81.2750, -13.4466, 66.4108

Monochromacy



Original Color

81.2580, -10.9732, 66.4257

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.4160, -4.1491, 24.1912

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2580, -10.9732, 66.4257 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(157, 47, 59)` looks like.

```
.text, #text, p{  
    color:rgb(157, 47, 59)  
}
```

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(157, 47, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 47, 59) }
```

Border

The CSS property to change the border of an element to YUV 81.2580, -10.9732, 66.4257 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(157, 47, 59) }
```


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

```
.border{ border-color:rgb(157, 47, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 47, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 47, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 47, 59);  
box-shadow:4px 4px 4px 4px rgb(157, 47,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 81.2580, -10.9732, 66.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 47, 59) }
```

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

```
.background{ background-color: rgb(157, 47,  
59) }
```

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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