

Converting Colors

YUV(80.1890, -16.3622,
68.2402)

Have a look what the booklet for
YUV(80.1890, -16.3622, 68.2402)
contains.

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Color

**YUV(80.1890, -16.3622,
68.2402)**

Conversions

Conversions Part 1

Format	Color
Hex	9E2F2F
RGB	158, 47, 47
RGB Percent	62%, 18%, 18%
CMY	0.3804, 0.8157, 0.8157
CMYK	0.00, 0.70, 0.70, 0.38
HSL	0°, 54%, 40%
HSV	0°, 70%, 62%
XYZ	15.6302, 9.5074, 3.7006
YIQ	80.1890, 66.1560, 23.5320

Conversions

Conversions Part 2

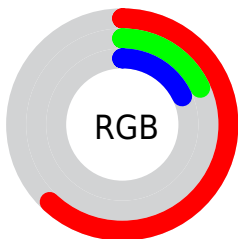
Format	Color
R_{YB}	158, 47, 47
Decimal	10366767
CIE _{Lab}	36.94, 45.73, 26.50
CIE _{LCh}	37, 52.852, 30.090
Yxy	9.5074, 0.5420, 0.3297
Android (android.graphics.Color)	4288556847 (0xFF9E2F2F)
YUV	80.1890, -16.3622, 68.2402
Hunter-Lab	30.8340, 36.5244, 14.4680

Details

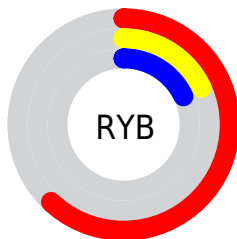
The YUV color **80.1890, -16.3622, 68.2402** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **124.8110, 16.3622, -68.2402**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4840, -20.4516, 73.2435**, and **29.9000, -14.7407, 61.4777** is the 20% darker color. If you saturate the color by 10%, you get **68.9730, -18.7207, 78.0767**, and if you desaturate by 10%, it is **91.4050, -14.0037, 58.4038**.

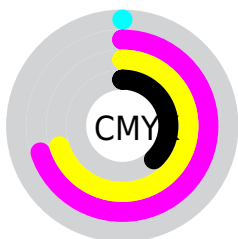
Distribution



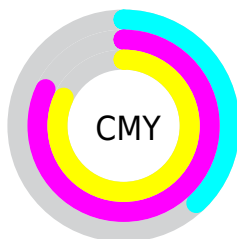
- Red (62%)
- Green (18%)
- Blue (18%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1890, -16.3622, 68.2402 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 80.1890, -16.3622, 68.2402 by changing the saturation by 10% instead.

80.1890, -16.3622,
68.2402

80.1890, -16.3622,
68.2402

255.0000, 0.0000,
0.0000

50.9270, -12.2890,
68.4700

134.4840,
-20.4516, 73.2435

29.9000, -14.7407,
61.4777

162.4520,
-21.9148, 75.9026

21.2290, -10.4659,
43.6492

183.0590,
-19.2561, 63.0923

13.5690, -6.1965,
27.5650

202.4590,
-16.0023, 46.0785

0.0000, 0.0000,
0.0000

221.9730,
-12.3117, 28.9647

242.1880, -8.4737,

11.2361

254.8860, -0.4368,
0.1000

■ 80.1890, -16.3622,
68.2402

■ 80.1890, -16.3622,
68.2402

■ 68.9730, -18.7207,
78.0767

■ 91.4050, -14.0037,
58.4038

■ 57.7570, -21.0792,
87.9131

■ 102.6210,
-11.6452, 48.5674

■ 47.2420, -23.2903,
97.1348

■ 113.1360, -9.4340,
39.3457

■ 124.3520, -7.0755,
29.5093

■ 135.5680, -4.7170,
19.6729

■ 146.7840, -2.3585,
9.8364

■ 158.0000, 0.0000,
0.0000

■ 168.5150, 2.2111,
-9.2217

■ 179.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



80.2920, 4.2930, 69.9039



80.1890, -16.3622, 68.2402



81.6340, -38.2736, 49.4330

Triad

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



80.1890, -16.3622, 68.2402



65.1350, -11.8986, -57.1234



73.7260, 48.9421, -64.6577

Complementary

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



80.1890, -16.3622, 68.2402



124.8110, 16.3622, -68.2402

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.



78.2280, 40.8066, -68.6060



80.1890, -16.3622, 68.2402



72.0260, 6.8892, -63.1668

Square

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



80.1890, -16.3622, 68.2402



75.7760, -37.3576, -11.2046



76.9280, 25.6715, -67.4659



87.1960, 36.3854, -3.6799

Rectangle

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



80.1890, -16.3622, 68.2402



81.9430, -40.3979, 30.7450



76.9280, 25.6715, -67.4659



75.8460, 46.9109, -66.5169

Sweetspot

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



80.1890, -16.3622, 68.2402



176.1560, -6.4859, 27.0502



92.8430, 32.1224, 57.1427



86.0730, -3.9800, 16.5990



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.



80.1890, -16.3622, 68.2402



85.0260, -25.6488, 106.9712



113.0610, -32.5681, 39.4115



73.3920, -1.1793, 4.9182



42.7570, -21.0792, 87.9131



4.4850, -2.2111, 9.2217

Inverse Universe

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



124.8110, 16.3622, -68.2402



154.9740, 25.6488, -106.9712



92.5260, 32.2787, -39.9263



76.6080, 1.1793, -4.9182



100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217

Previews

White Background



This preview shows how the YUV color 80.1890, -16.3622, 68.2402 looks on a white background.

Color Contrast Check

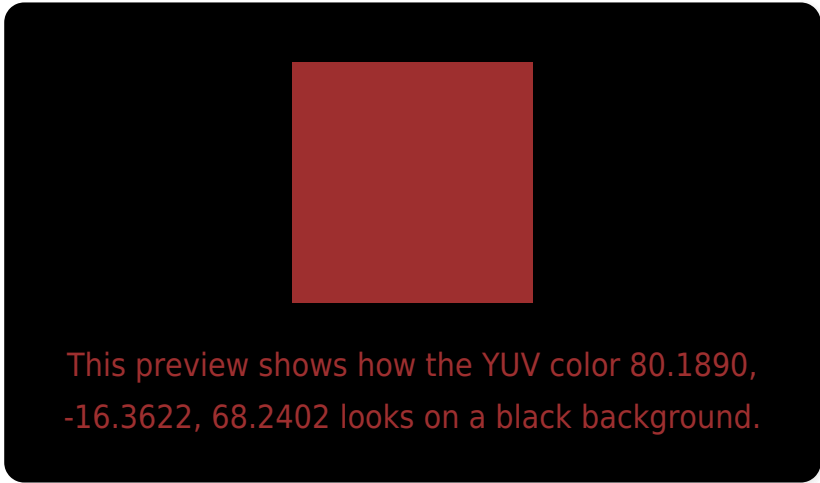
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.1890, -16.3622, 68.2402

Background



This preview shows how black text looks on a background with the YUV color 80.1890, -16.3622, 68.2402.



This preview shows how white text looks on a background with the YUV color 80.1890, -16.3622,

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

80.1890, -16.3622, 68.2402

Protanopia

87.1290, -12.3886, 6.9029

Deuteranopia

86.5730, -22.4675, 19.6685



Tritanopia

80.4170, -15.4886, 68.0403

Trichromacy



Original Color

80.1890, -16.3622, 68.2402

Protanomaly

84.6310, -13.6221, 29.2646

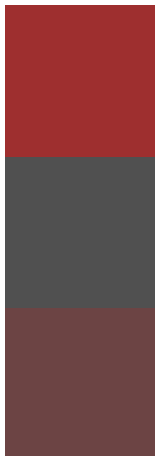
Deuteranomaly

84.5520, -20.4851, 37.2269

Tritanomaly

80.3030, -15.9254, 68.1403

Monochromacy



Original Color

80.1890, -16.3622, 68.2402

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9600, -5.8963, 24.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1890, -16.3622, 68.2402 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(158, 47, 47)` looks like.

```
.text, #text, p{  
    color:rgb(158, 47, 47)  
}
```

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(158, 47, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 47, 47) }
```

Border

The CSS property to change the border of an element to YUV 80.1890, -16.3622, 68.2402 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(158, 47, 47) }
```


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

```
.border{ border-color:rgb(158, 47, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 47, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 47, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 47, 47);  
box-shadow:4px 4px 4px 4px rgb(158, 47,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 80.1890, -16.3622, 68.2402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 47, 47) }
```

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

```
.background{ background-color: rgb(158, 47,  
47) }
```

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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