

Converting Colors

YUV(91.3910, -19.4198,
68.9401)

Have a look what the booklet for
YUV(91.3910, -19.4198, 68.9401)
contains.

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Color

**YUV(91.3910, -19.4198,
68.9401)**

Conversions

Conversions Part 1

Format	Color
Hex	AA3B34
RGB	170, 59, 52
RGB Percent	67%, 23%, 20%
CMY	0.3333, 0.7686, 0.7961
CMYK	0.00, 0.65, 0.69, 0.33
HSL	4°, 53%, 44%
HSV	4°, 69%, 67%
XYZ	18.7614, 11.9219, 4.5611
YIQ	91.3910, 68.4030, 21.3550

Conversions

Conversions Part 2

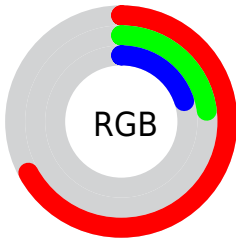
Format	Color
R_{YB}	170, 59, 52
Decimal	11156276
CIE _{Lab}	41.09, 45.04, 28.97
CIE _{LCh}	41, 53.554, 32.753
Yxy	11.9219, 0.5323, 0.3383
Android (android.graphics.Color)	4289346356 (0xFFAA3B34)
YUV	91.3910, -19.4198, 68.9401
Hunter-Lab	34.5281, 36.5664, 16.3375

Details

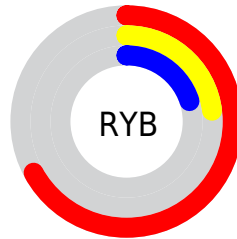
The YUV color **91.3910, -19.4198, 68.9401** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **130.6090, 19.4198, -68.9401**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0990, -23.2198, 74.4582**, and **34.1010, -12.8678, 67.4404** is the 20% darker color. If you saturate the color by 10%, you get **80.0610, -22.2151, 78.8765**, and if you desaturate by 10%, it is **102.7210, -16.6245, 59.0037**.

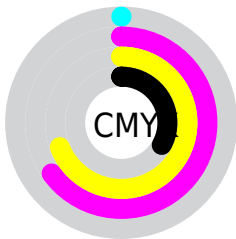
Distribution



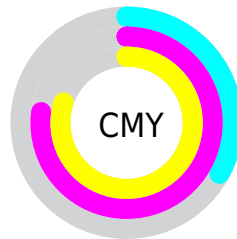
- Red (67%)
- Green (23%)
- Blue (20%)



- Red (67%)
- Yellow (23%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (69%)
- Black (33%)



- Cyan (33%)
- Magenta (77%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.3910, -19.4198, 68.9401 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 91.3910, -19.4198, 68.9401 by changing the saturation by 10% instead.

■ 91.3910, -19.4198,
68.9401

■ 91.3910, -19.4198,
68.9401

255.0000, 0.0000,
0.0000

■ 63.4770, -16.5042,
67.1107

■ 146.0990,
-23.2198, 74.4582

■ 34.1010, -12.8678,
67.4404

■ 171.9740,
-23.6512, 72.8138

■ 24.5180, -12.0874,
50.4117

■ 190.7870,
-20.1080, 56.3148

■ 16.9720, -7.3812,
34.2276

■ 210.3010,
-16.4174, 39.2010

■ 4.7840, -2.3585,
9.8364

■ 230.4020,
-13.0162, 21.5724

■ 0.0000, 0.0000,
0.0000

■ 250.6170, -9.1782,

3.8439

■ 91.3910, -19.4198,
68.9401

■ 91.3910, -19.4198,
68.9401

■ 80.0610, -22.2151,
78.8765

■ 102.7210,
-16.6245, 59.0037

■ 68.7310, -25.0104,
88.8129

■ 114.0510,
-13.8291, 49.0673

■ 57.4010, -27.8057,
98.7493

■ 125.3810,
-11.0338, 39.1309

■ 56.7000, -27.9531,
99.3641

■ 136.7110, -8.2385,
29.1945

■ 148.0410, -5.4432,
19.2580

■ 159.3710, -2.6479,
9.3216

■ 170.7010, 0.1474,
-0.6148

■ 182.0310, 2.9427,
-10.5512

■ 193.3610, 5.7380,
-20.4876

Harmonies

Analogous

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



91.3200, 1.8142, 71.6334



91.3910, -19.4198, 68.9401



91.7650, -40.3101, 49.3181

Triad

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



91.3910, -19.4198, 68.9401



73.0740, -9.4035, -64.0859



80.3770, 51.5791, -70.4906

Complementary

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



91.3910, -19.4198, 68.9401



130.6090, 19.4198, -68.9401

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.



85.6940, 44.0279, -75.1536



91.3910, -19.4198, 68.9401



80.0790, 9.8211, -70.2293

Square

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



91.3910, -19.4198, 68.9401



84.4120, -38.6571, -14.3933



84.3940, 28.8928, -74.0135



98.4140, 35.7849, 2.2679

Rectangle

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



91.3910, -19.4198, 68.9401



91.0910, -44.9079, 30.6152



84.3940, 28.8928, -74.0135



82.7250, 50.4216, -72.5498

Sweetspot

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



91.3910, -19.4198, 68.9401



190.8140, -7.7963, 27.3501



100.0500, 31.5274, 61.3462



93.5460, -4.7062, 16.1842



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.



91.3910, -19.4198, 68.9401



99.4730, -30.3062, 107.4562



125.4370, -36.2044, 39.0818



78.3920, -1.1793, 4.9182



49.5350, -24.4208, 86.3538



6.5670, -3.2375, 11.7807

Inverse Universe

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



130.6090, 19.4198, -68.9401



160.5270, 30.3062, -107.4562



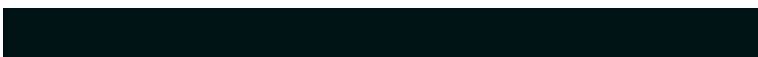
96.5630, 36.2044, -39.0818



81.6080, 1.1793, -4.9182



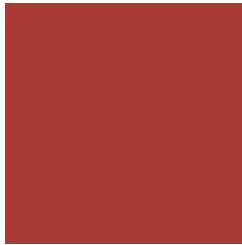
98.4650, 24.4208, -86.3538



13.4330, 3.2375, -11.7807

Previews

White Background



This preview shows how the YUV color 91.3910, -19.4198, 68.9401 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 91.3910, -19.4198, 68.9401 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 91.3910, -19.4198, 68.9401

Background



This preview shows how black text looks on a background with the YUV color 91.3910, -19.4198, 68.9401.



This preview shows how white text looks on a background with the YUV color 91.3910, -19.4198,

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

91.3910, -19.4198, 68.9401

Protanopia

96.7440, -15.1568, 8.1175

Deuteranopia

96.0140, -24.6569, 21.9127



Tritanopia

91.8300, -15.1992, 68.5551

Trichromacy



Original Color

91.3910, -19.4198, 68.9401

Protanomaly

94.8330, -16.6797, 29.9645

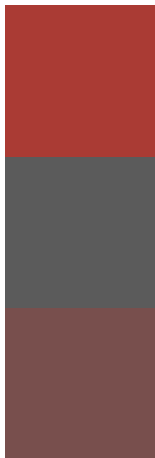
Deuteranomaly

94.5800, -22.9639, 38.9563

Tritanomaly

91.4880, -16.5096, 68.8550

Monochromacy



Original Color

91.3910, -19.4198, 68.9401

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0310, -6.9173, 25.4058

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.3910, -19.4198, 68.9401 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(170, 59, 52)` looks like.

```
.text, #text, p{  
    color:rgb(170, 59, 52)  
}
```

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(170, 59, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 59, 52) }
```

Border

The CSS property to change the border of an element to YUV 91.3910, -19.4198, 68.9401 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(170, 59, 52) }
```


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

```
.border{ border-color:rgb(170, 59, 52) }
```

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

Here you see how a box with a 4 pixel rgb(170, 59, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 59, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 59, 52);  
box-shadow:4px 4px 4px 4px rgb(170, 59,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 91.3910, -19.4198, 68.9401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 59, 52) }
```

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

```
.background{ background-color: rgb(170, 59,  
52) }
```

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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