

Converting Colors

YUV(90.9180, -18.6936,
69.3549)

Have a look what the booklet for
YUV(90.9180, -18.6936, 69.3549)
contains.

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Color

**YUV(90.9180, -18.6936,
69.3549)**

Conversions

Conversions Part 1

Format	Color
Hex	AA3A35
RGB	170, 58, 53
RGB Percent	67%, 23%, 21%
CMY	0.3333, 0.7725, 0.7922
CMYK	0.00, 0.66, 0.69, 0.33
HSL	3°, 52%, 44%
HSV	3°, 69%, 67%
XYZ	18.7332, 11.8292, 4.6641
YIQ	90.9180, 68.3570, 22.1890

Conversions

Conversions Part 2

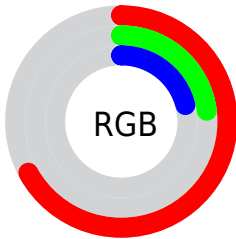
Format	Color
R_{YB}	170, 58, 53
Decimal	11156021
CIE Lab	40.94, 45.53, 28.20
CIE LCh	41, 53.558, 31.771
Yxy	11.8292, 0.5318, 0.3358
Android (android.graphics.Color)	4289346101 (0xFFAA3A35)
YUV	90.9180, -18.6936, 69.3549
Hunter-Lab	34.3936, 37.0351, 16.0353

Details

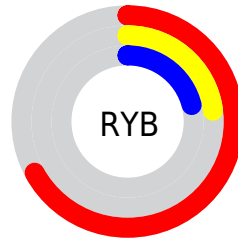
The YUV color **90.9180, -18.6936, 69.3549** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **132.0820, 18.6936, -69.3549**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6260, -22.4936, 74.8730**, and **34.3290, -11.9942, 67.2405** is the 20% darker color. If you saturate the color by 10%, you get **79.5880, -21.4889, 79.2913**, and if you desaturate by 10%, it is **102.2480, -15.8983, 59.4185**.

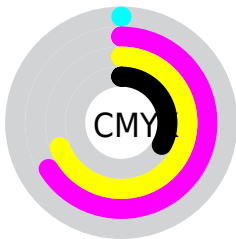
Distribution



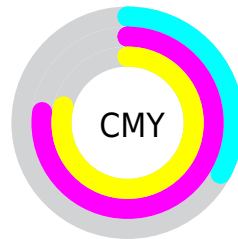
- Red (67%)
- Green (23%)
- Blue (21%)



- Red (67%)
- Yellow (23%)
- Blue (21%)



- Cyan (0%)
- Magenta (66%)
- Yellow (69%)
- Black (33%)





- Cyan (33%)
- Magenta (77%)
- Yellow (79%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.9180, -18.6936, 69.3549 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 90.9180, -18.6936, 69.3549 by changing the saturation by 10% instead.


 90.9180, -18.6936,
69.3549


 90.9180, -18.6936,
69.3549


255.0000, 0.0000,
0.0000


 63.0040, -15.7780,
67.5255


 145.6260,
-22.4936, 74.8730

 34.3290, -11.9942,
67.2405


 171.5010,
-22.9250, 73.2286


 24.5180, -12.0874,
50.4117

 190.3140,
-19.3818, 56.7296

 16.9720, -7.3812,
34.2276

 209.8280,
-15.6912, 39.6158

 4.7840, -2.3585,
9.8364

 229.9290,
-12.2900, 21.9873

 0.0000, 0.0000,
0.0000

 250.1440, -8.4520,

4.2587

■ 90.9180, -18.6936,
69.3549

■ 90.9180, -18.6936,
69.3549

■ 79.5880, -21.4889,
79.2913

■ 102.2480,
-15.8983, 59.4185

■ 67.6710, -23.9948,
89.7425

■ 114.1650,
-13.3923, 48.9673

■ 56.3410, -26.7901,
99.6789

■ 125.4950,
-10.5970, 39.0309

■ 54.9390, -27.0849,
100.9085

■ 136.8250, -7.8017,
29.0945

■ 148.1550, -5.0064,
19.1581

■ 160.0720, -2.5005,
8.7069

■ 171.4020, 0.2948,
-1.2296

■ 182.7320, 3.0901,
-11.1660

■ 194.0620, 5.8854,
-21.1024

Harmonies

Analogous

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



90.8470, 2.5404, 72.0482



90.9180, -18.6936, 69.3549



91.5910, -39.7314, 50.3477

Triad

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



90.9180, -18.6936, 69.3549



72.2590, -9.9877, -63.3711



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.



90.9180, -18.6936, 69.3549



132.0820, 18.6936, -69.3549

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.



85.5800, 43.5911, -75.0537



90.9180, -18.6936, 69.3549



79.2640, 9.2368, -69.5145

Square

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



90.9180, -18.6936, 69.3549



84.1950, -39.5361, -12.4490



84.2800, 28.4560, -73.9136



98.2180, 36.3745, -0.1912

Rectangle

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



90.9180, -18.6936, 69.3549



90.8030, -44.7659, 31.7448



84.2800, 28.4560, -73.9136



82.6110, 49.9848, -72.4498

Sweetspot

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



90.9180, -18.6936, 69.3549



190.2270, -7.5069, 27.8649



100.8650, 32.1116, 60.6314



92.9590, -4.4168, 16.6990



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.



90.9180, -18.6936, 69.3549



97.7120, -29.4380, 109.0006



124.3770, -35.1889, 40.0114



78.3920, -1.1793, 4.9182



47.7740, -23.5526, 87.8982



6.5670, -3.2375, 11.7807

Inverse Universe

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



132.0820, 18.6936, -69.3549



162.2880, 29.4380, -109.0006



98.6230, 35.1889, -40.0114



81.6080, 1.1793, -4.9182



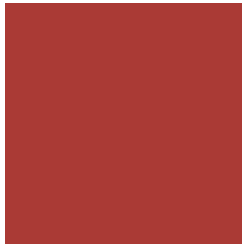
100.2260, 23.5526, -87.8982



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 90.9180, -18.6936, 69.3549 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 90.9180, -18.6936, 69.3549 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 90.9180, -18.6936, 69.3549

Background



This preview shows how black text looks on a background with the YUV color 90.9180, -18.6936, 69.3549.



This preview shows how white text looks on a background with the YUV color 90.9180, -18.6936,

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

90.9180, -18.6936, 69.3549

Protanopia

95.9720, -14.2832, 7.9176

Deuteranopia

95.8290, -24.0727, 21.1980



Tritanopia

91.1290, -15.3466, 69.1699

Trichromacy



Original Color

90.9180, -18.6936, 69.3549

Protanomaly

94.3600, -15.9535, 30.3793

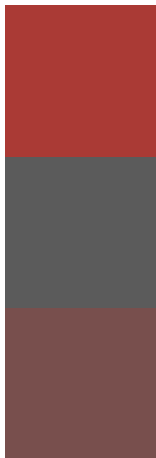
Deuteranomaly

93.8080, -22.0903, 38.7564

Tritanomaly

90.7870, -16.6570, 69.4698

Monochromacy



Original Color

90.9180, -18.6936, 69.3549

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 90.9180, -18.6936, 69.3549 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, 58, 53)` looks like.

```
.text, #text, p{  
    color:rgb(170, 58, 53)  
}
```

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, 58, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 58, 53) }
```

Border

The CSS property to change the border of an element to YUV 90.9180, -18.6936, 69.3549 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, 58, 53) }
```


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

```
.border{ border-color:rgb(170, 58, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 58, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 58, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 58, 53);  
box-shadow:4px 4px 4px 4px rgb(170, 58,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 90.9180, -18.6936, 69.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 58, 53) }
```

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

```
.background{ background-color: rgb(170, 58,  
53) }
```

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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