

Converting Colors

YUV(91.0960, -18.7813,
50.7818)

Have a look what the booklet for
YUV(91.0960, -18.7813, 50.7818)
contains.

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Color

**YUV(91.0960, -18.7813,
50.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	954535
RGB	149, 69, 53
RGB Percent	58%, 27%, 21%
CMY	0.4157, 0.7294, 0.7922
CMYK	0.00, 0.54, 0.64, 0.42
HSL	10°, 48%, 40%
HSV	10°, 64%, 58%
XYZ	15.1652, 10.9028, 4.6733
YIQ	91.0960, 52.8160, 11.9840

Conversions

Conversions Part 2

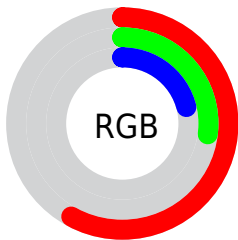
Format	Color
R_{YB}	149, 72, 53
Decimal	9782581
CIE Lab	39.42, 32.33, 25.52
CIE LCh	39, 41.186, 38.290
Yxy	10.9028, 0.4933, 0.3547
Android (android.graphics.Color)	4287972661 (0xFF954535)
YUV	91.0960, -18.7813, 50.7818
Hunter-Lab	33.0195, 24.1973, 14.7222

Details

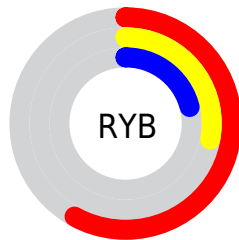
The YUV color **91.0960, -18.7813, 50.7818** is a dark color, and the websafe version is hex **993333**, and the color name is **chestnut**. A complement of this color would be **110.9040, 18.7813, -50.7818**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1460, -21.2710, 56.0000**, and **40.5730, -15.5655, 45.9785** is the 20% darker color. If you saturate the color by 10%, you get **82.3420, -21.8606, 58.4591**, and if you desaturate by 10%, it is **99.8500, -15.7020, 43.1046**.

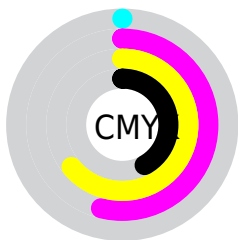
Distribution



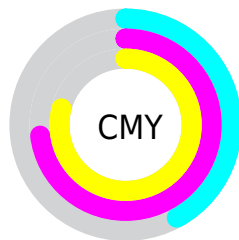
- Red (58%)
- Green (27%)
- Blue (21%)



- Red (58%)
- Yellow (28%)
- Blue (21%)



- Cyan (0%)
- Magenta (54%)
- Yellow (64%)
- Black (42%)





- Cyan (42%)
- Magenta (73%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.0960, -18.7813, 50.7818 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 91.0960, -18.7813, 50.7818 by changing the saturation by 10% instead.


 91.0960, -18.7813,
50.7818


 91.0960, -18.7813,
50.7818


255.0000, 0.0000,
0.0000


 66.1280, -17.3181,
48.1227


 143.1460,
-21.2710, 56.0000


 40.5730, -15.5655,
45.9785


 170.8150,
-22.5868, 58.0442


 19.7340, -9.7289,
40.5753

 195.0100,
-21.6969, 52.6112

 12.6720, -5.7543,
25.7207

 213.9370,
-17.7169, 36.0123

 0.0000, 0.0000,
0.0000

 234.0380,
-14.3157, 18.3837

 252.6060, -9.1728,

2.0995

■ 91.0960, -18.7813,
50.7818

■ 91.0960, -18.7813,
50.7818

■ 82.3420, -21.8606,
58.4591

■ 99.8500, -15.7020,
43.1046

■ 73.0010, -24.6505,
66.6511

■ 109.1910,
-12.9122, 34.9125

■ 64.2470, -27.7298,
74.3284

■ 117.9450, -9.8329,
27.2352

■ 59.2260, -29.1984,
78.7318

■ 127.2860, -7.0430,
19.0432

■ 136.0400, -3.9637,
11.3659

■ 145.2670, -1.6106,
3.2738

■ 154.0210, 1.4686,
-4.4034

■ 162.7750, 4.5479,
-12.0807

■ 172.1160, 7.3378,
-20.2727

Harmonies

Analogous

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



92.1300, -3.5151, 54.2600



91.0960, -18.7813, 50.7818



90.1960, -30.6626, 34.9081

Triad

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



91.0960, -18.7813, 50.7818



70.4470, -1.6994, -61.7820



85.5630, 36.2044, -39.0818

Complementary

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



91.0960, -18.7813, 50.7818



110.9040, 18.7813, -50.7818

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.



78.1310, 37.8964, -68.5209



91.0960, -18.7813, 50.7818



75.4970, 12.5730, -66.2109

Square

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



91.0960, -18.7813, 50.7818



84.4130, -23.3746, -16.1482



78.6720, 27.2767, -68.9953



95.5970, 24.8487, 10.0004

Rectangle

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



91.0960, -18.7813, 50.7818



89.1850, -34.1082, 20.0088



78.6720, 27.2767, -68.9953



75.1790, 41.8168, -65.9320

Sweetspot

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



91.0960, -18.7813, 50.7818



171.5850, -7.1904, 19.6580



90.8240, 20.7928, 51.0204



83.3390, -4.1111, 11.9807



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



91.0960, -18.7813, 50.7818



103.6390, -28.9090, 79.2466



119.2720, -32.6721, 26.0715



69.6800, -1.3212, 3.7886



54.7630, -26.9982, 72.9988



4.1640, -2.0529, 5.1182

Inverse Universe

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



110.9040, 18.7813, -50.7818



134.7740, 29.1984, -78.7318



82.7280, 32.6721, -26.0715



71.3200, 1.3212, -3.7886



83.2370, 26.9982, -72.9988



5.8360, 2.0529, -5.1182

Previews

White Background



This preview shows how the YUV color 91.0960, -18.7813, 50.7818 looks on a white background.

Color Contrast Check

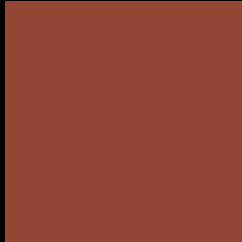
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.0960, -18.7813, 50.7818 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 91.0960, -18.7813, 50.7818

Background



This preview shows how black text looks on a background with the YUV color 91.0960, -18.7813, 50.7818.



This preview shows how white text looks on a background with the YUV color 91.0960, -18.7813,

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

91.0960, -18.7813, 50.7818

Protanopia

92.4450, -15.0094, 7.5027

Deuteranopia

92.2140, -21.3045, 19.9833



Tritanopia

92.2730, -10.4876, 50.6266

Trichromacy



Original Color

91.0960, -18.7813, 50.7818

Protanomaly

91.9030, -16.2212, 22.8871

Deuteranomaly

91.8070, -20.6109, 30.8643

Tritanomaly

92.0620, -13.8346, 50.8116

Monochromacy



Original Color

91.0960, -18.7813, 50.7818

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9870, -6.8956, 18.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.0960, -18.7813, 50.7818 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(149, 69, 53)` looks like.

```
.text, #text, p{  
    color:rgb(149, 69, 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(149, 69, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 69, 53) }
```

Border

The CSS property to change the border of an element to YUV 91.0960, -18.7813, 50.7818 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(149, 69, 53) }
```


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

```
.border{ border-color:rgb(149, 69, 53) }
```

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

Here you see how a box with a 4 pixel rgb(149, 69, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 69, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 69, 53);  
box-shadow:4px 4px 4px 4px rgb(149, 69,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 91.0960, -18.7813, 50.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 69, 53) }
```

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

```
.background{ background-color: rgb(149, 69,  
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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