

Converting Colors

YUV(93.6170, -15.5872,
52.9559)

Have a look what the booklet for
YUV(93.6170, -15.5872, 52.9559)
contains.

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Color

**YUV(93.6170, -15.5872,
52.9559)**

Conversions

Conversions Part 1

Format	Color
Hex	9A453E
RGB	154, 69, 62
RGB Percent	60%, 27%, 24%
CMY	0.3961, 0.7294, 0.7569
CMYK	0.00, 0.55, 0.60, 0.40
HSL	5°, 43%, 42%
HSV	5°, 60%, 60%
XYZ	16.3240, 11.4741, 5.9118
YIQ	93.6170, 52.9070, 15.8430

Conversions

Conversions Part 2

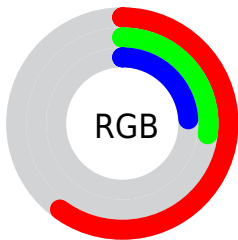
Format	Color
R_{YB}	154, 70, 62
Decimal	10110270
CIE Lab	40.37, 34.96, 21.45
CIE LCh	40, 41.021, 31.532
Yxy	11.4741, 0.4843, 0.3404
Android (android.graphics.Color)	4288300350 (0xFF9A453E)
YUV	93.6170, -15.5872, 52.9559
Hunter-Lab	33.8734, 26.7431, 13.3638

Details

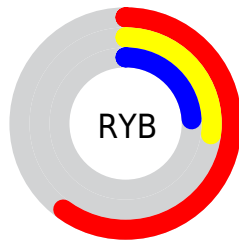
The YUV color **93.6170, -15.5872, 52.9559** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **122.3830, 15.5872, -52.9559**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3680, -17.9294, 57.5593**, and **42.7350, -11.2084, 48.4674** is the 20% darker color. If you saturate the color by 10%, you get **83.6890, -18.0877, 61.6627**, and if you desaturate by 10%, it is **103.5450, -13.0867, 44.2490**.

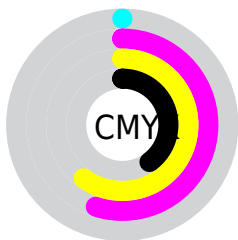
Distribution



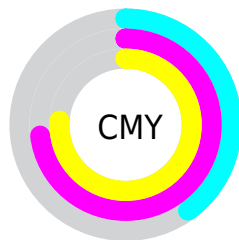
- Red (60%)
- Green (27%)
- Blue (24%)



- Red (60%)
- Yellow (27%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.6170, -15.5872, 52.9559 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 93.6170, -15.5872, 52.9559 by changing the saturation by 10% instead.

■ 93.6170, -15.5872,
52.9559

■ 93.6170, -15.5872,
52.9559

255.0000, 0.0000,
0.0000

■ 68.0620, -13.8346,
50.8116

■ 146.3680,
-17.9294, 57.5593

■ 42.7350, -11.2084,
48.4674

■ 173.4500,
-18.9558, 60.1184

■ 21.2290, -10.4659,
43.6492

■ 196.1500,
-17.3289, 51.6115

■ 14.1670, -6.4913,
28.7945

■ 215.6640,
-13.6384, 34.4977

■ 0.0000, 0.0000,
0.0000

■ 235.8790, -9.8003,
16.7691

■ 253.8600, -4.3680,

0.9998

■ 93.6170, -15.5872,
52.9559

■ 93.6170, -15.5872,
52.9559

■ 83.6890, -18.0877,
61.6627

■ 103.5450,
-13.0867, 44.2490

■ 73.6470, -21.0250,
70.4696

■ 113.5870,
-10.1494, 35.4422

■ 63.1320, -23.2361,
79.6912

■ 124.1020, -7.9383,
26.2205

■ 53.0900, -26.1734,
88.4981

■ 134.1440, -5.0010,
17.4137

■ 144.0720, -2.5005,
8.7069

■ 154.0000, 0.0000,
0.0000

■ 164.6290, 2.6479,
-9.3216

■ 174.5570, 5.1484,
-18.0285

■ 184.5990, 8.0857,
-26.8353

Harmonies

Analogous

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



94.7430, 0.1267, 52.8454



93.6170, -15.5872, 52.9559



92.7990, -28.4949, 39.6413

Triad

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



93.6170, -15.5872, 52.9559



78.8250, -8.2947, -46.3275



78.6850, 41.0743, -61.1137

Complementary

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



93.6170, -15.5872, 52.9559



122.3830, 15.5872, -52.9559

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.



80.3650, 36.3021, -70.4801



93.6170, -15.5872, 52.9559



76.1010, 9.8102, -66.7406

Square

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



93.6170, -15.5872, 52.9559



87.3600, -26.3065, -9.0857



79.8630, 24.2245, -70.0399



97.2260, 27.4966, 0.6788

Rectangle

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



93.6170, -15.5872, 52.9559



91.7450, -33.3983, 25.6566



79.8630, 24.2245, -70.0399



78.2280, 40.8066, -68.6060

Sweetspot

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



93.6170, -15.5872, 52.9559



177.5250, -6.1748, 20.5876



99.3120, 24.0032, 47.9614



87.1650, -3.5323, 13.0103



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.



93.6170, -15.5872, 52.9559



105.8120, -24.5573, 83.4799



120.0320, -28.6098, 29.7899



71.3920, -1.1793, 4.9182



48.3170, -23.8203, 80.4060



4.4740, -2.2057, 7.4773

Inverse Universe

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



122.3830, 15.5872, -52.9559



151.1880, 24.5573, -83.4799



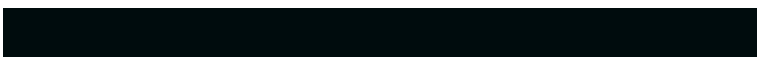
95.9680, 28.6098, -29.7899



74.0210, 1.4686, -4.4034



92.2700, 23.5309, -80.9208



8.5260, 2.2057, -7.4773

Previews

White Background



This preview shows how the YUV color 93.6170, -15.5872, 52.9559 looks on a white background.

Color Contrast Check

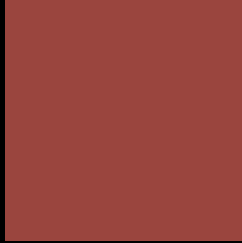
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.6170, -15.5872, 52.9559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

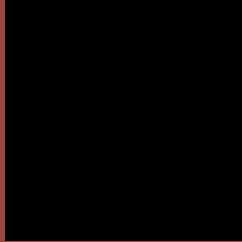
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.6170, -15.5872, 52.9559

Background



This preview shows how black text looks on a background with the YUV color 93.6170, -15.5872, 52.9559.

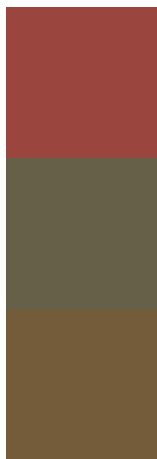


This preview shows how white text looks on a background with the YUV color 93.6170, -15.5872,

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

93.6170, -15.5872, 52.9559

Protanopia

95.1720, -10.9308, 5.9882

Deuteranopia

94.7130, -18.0995, 18.6687



Tritanopia

94.4690, -11.0772, 53.0857

Trichromacy



Original Color

93.6170, -15.5872, 52.9559

Protanomaly

94.5270, -12.5848, 23.2168

Deuteranomaly

94.3170, -17.4113, 31.2940

Tritanomaly

94.0130, -12.8244, 53.4856

Monochromacy



Original Color

93.6170, -15.5872, 52.9559

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9270, -5.8800, 19.3580

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6170, -15.5872, 52.9559 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(154, 69, 62)` looks like.

```
.text, #text, p{  
    color:rgb(154, 69, 62)  
}
```

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(154, 69, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 69, 62) }
```

Border

The CSS property to change the border of an element to YUV 93.6170, -15.5872, 52.9559 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(154, 69, 62) }
```


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

```
.border{ border-color:rgb(154, 69, 62) }
```

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

Here you see how a box with a 4 pixel rgb(154, 69, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 69, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 69, 62);  
box-shadow:4px 4px 4px 4px rgb(154, 69,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 93.6170, -15.5872, 52.9559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 69, 62) }
```

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

```
.background{ background-color: rgb(154, 69,  
62) }
```

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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