

Converting Colors

YUV(103.5530, -18.5136,
58.2740)

Have a look what the booklet for
YUV(103.5530, -18.5136, 58.2740)
contains.

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Color

**YUV(103.5530, -18.5136,
58.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	AA4D42
RGB	170, 77, 66
RGB Percent	67%, 30%, 26%
CMY	0.3333, 0.6980, 0.7412
CMYK	0.00, 0.55, 0.61, 0.33
HSL	6°, 44%, 46%
HSV	6°, 61%, 67%
XYZ	20.2148, 14.2471, 6.8388
YIQ	103.5530, 58.9590, 16.2950

Conversions

Conversions Part 2

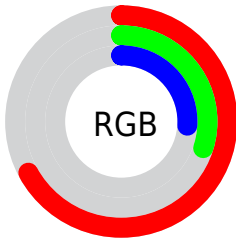
Format	Color
RYB	170, 78, 66
Decimal	11160898
CIELab	44.59, 37.31, 24.96
CIElCh	45, 44.890, 33.777
Yxy	14.2471, 0.4895, 0.3450
Android (android.graphics.Color)	4289350978 (0xFFAA4D42)
YUV	103.5530, -18.5136, 58.2740
Hunter-Lab	37.7454, 29.5425, 15.6795

Details

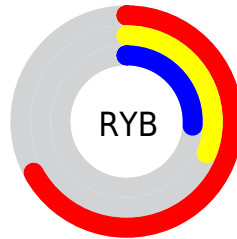
The YUV color **103.5530, -18.5136, 58.2740** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **132.4470, 18.5136, -58.2740**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1900, -21.2927, 62.9774**, and **51.6710, -14.1348, 53.7855** is the 20% darker color. If you saturate the color by 10%, you get **92.8100, -21.5983, 67.6956**, and if you desaturate by 10%, it is **114.2960, -15.4289, 48.8524**.

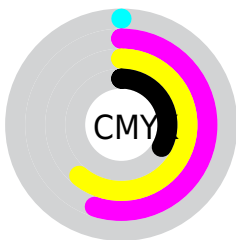
Distribution



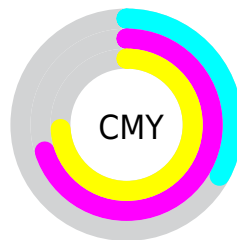
- Red (67%)
- Green (30%)
- Blue (26%)



- Red (67%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (33%)



- Cyan (33%)
- Magenta (70%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5530, -18.5136, 58.2740 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 103.5530, -18.5136, 58.2740 by changing the saturation by 10% instead.

■ 103.5530,
-18.5136, 58.2740

■ 103.5530,
-18.5136, 58.2740

■ 255.0000, 0.0000,
0.0000

■ 77.6990, -16.6136,
55.5150

■ 157.1900,
-21.2927, 62.9774

■ 51.6710, -14.1348,
53.7855

■ 183.1900,
-21.2927, 62.9774

■ 25.4150, -12.5296,
52.2560

■ 202.5900,
-18.0389, 45.9636

■ 17.0430, -8.4022,
35.0423

■ 222.1040,
-14.3483, 28.8498

■ 8.1870, -3.5432,
16.4990

■ 242.3190,
-10.5103, 11.1212

■ 0.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,

0.4999

■ 103.5530,
-18.5136, 58.2740

■ 103.5530,
-18.5136, 58.2740

■ 92.8100, -21.5983,
67.6956

■ 114.2960,
-15.4289, 48.8524

■ 82.0670, -24.6830,
77.1172

■ 125.0390,
-12.3442, 39.4308

■ 70.7370, -27.4783,
87.0537

■ 136.3690, -9.5489,
29.4944

■ 61.3960, -30.2682,
95.2457

■ 147.1120, -6.4642,
20.0728

■ 157.8550, -3.3795,
10.6512

■ 168.5980, -0.2948,
1.2296

■ 179.3410, 2.7899,
-8.1921

■ 190.6710, 5.5852,
-18.1285

■ 201.4140, 8.6699,
-27.5501

Harmonies

Analogous

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



105.0320, -1.4948, 59.6079



103.5530, -18.5136, 58.2740



102.7840, -32.4315, 42.2854

Triad

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



103.5530, -18.5136, 58.2740



83.9050, -6.3622, -59.5527



91.0920, 43.8316, -58.8397

Complementary

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



103.5530, -18.5136, 58.2740



132.4470, 18.5136, -58.2740

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.



88.8740, 40.9811, -77.9425



103.5530, -18.5136, 58.2740



84.6270, 12.0159, -74.2179

Square

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



103.5530, -18.5136, 58.2740



96.4690, -28.3322, -12.6893



88.8450, 28.1774, -77.9171



108.1170, 29.5223, 4.2824

Rectangle

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



103.5530, -18.5136, 58.2740



101.6050, -37.7663, 26.6564



88.8450, 28.1774, -77.9171



86.2640, 46.2118, -75.6535

Sweetspot

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



103.5530, -18.5136, 58.2740



196.3080, -7.0538, 22.5319



107.8120, 25.7287, 54.5389



96.3500, -4.1165, 13.7251



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.



103.5530, -18.5136, 58.2740



118.4170, -28.7996, 90.8423



133.4900, -33.2726, 32.0193



78.9790, -1.4686, 4.4034



53.6440, -26.4465, 82.7502



7.1540, -3.5269, 11.2659

Inverse Universe

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



132.4470, 18.5136, -58.2740



163.5830, 28.7996, -90.8423



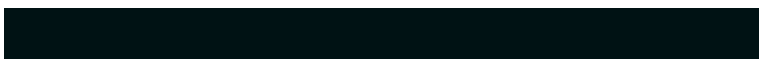
102.5100, 33.2726, -32.0193



81.0210, 1.4686, -4.4034



94.3560, 26.4465, -82.7502



12.8460, 3.5269, -11.2659

Previews

White Background



This preview shows how the YUV color 103.5530, -18.5136, 58.2740 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 103.5530, -18.5136, 58.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

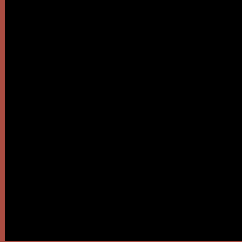
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.5530, -18.5136, 58.2740

Background



This preview shows how black text looks on a background with the YUV color 103.5530, -18.5136, 58.2740.



This preview shows how white text looks on a background with the YUV color 103.5530, -18.5136,

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

103.5530, -18.5136, 58.2740

Protanopia

105.2000, -13.4096, 7.7176

Deuteranopia

104.9260, -21.1625, 21.1129



Tritanopia

104.2740, -11.9671, 58.5187

Trichromacy



Original Color

103.5530, -18.5136, 58.2740

Protanomaly

104.2670, -14.9216, 26.0758

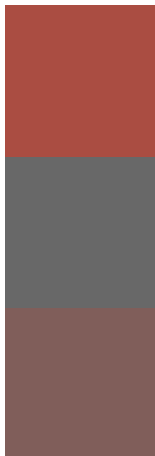
Deuteranomaly

104.2420, -20.3323, 34.8678

Tritanomaly

104.2910, -14.4405, 58.5038

Monochromacy



Original Color

103.5530, -18.5136, 58.2740

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7100, -6.7590, 21.3023

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5530, -18.5136, 58.2740 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, 77, 66)` looks like.

```
.text, #text, p{  
    color:rgb(170, 77, 66)  
}
```

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, 77, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 77, 66) }
```

Border

The CSS property to change the border of an element to YUV 103.5530, -18.5136, 58.2740 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, 77, 66) }
```


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

```
.border{ border-color:rgb(170, 77, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 77, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 77, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 77, 66);  
box-shadow:4px 4px 4px 4px rgb(170, 77,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 103.5530, -18.5136, 58.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 77, 66) }
```

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

```
.background{ background-color: rgb(170, 77,  
66) }
```

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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