

Converting Colors

YUV(103.8120, -14.6973,
47.5229)

Have a look what the booklet for
YUV(103.8120, -14.6973, 47.5229)
contains.

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Color

**YUV(103.8120, -14.6973,
47.5229)**

Conversions

Conversions Part 1

Format	Color
Hex	9E524A
RGB	158, 82, 74
RGB Percent	62%, 32%, 29%
CMY	0.3804, 0.6784, 0.7098
CMYK	0.00, 0.48, 0.53, 0.38
HSL	6°, 36%, 45%
HSV	6°, 53%, 62%
XYZ	18.3539, 13.7981, 8.1745
YIQ	103.8120, 47.8640, 13.6240

Conversions

Conversions Part 2

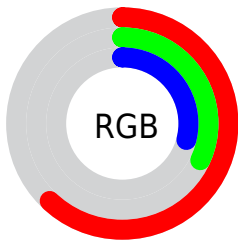
Format	Color
R_{YB}	158, 83, 74
Decimal	10375754
CIE Lab	43.94, 30.63, 18.98
CIE LCh	44, 36.033, 31.779
Yxy	13.7981, 0.4551, 0.3422
Android (android.graphics.Color)	4288565834 (0xFF9E524A)
YUV	103.8120, -14.6973, 47.5229
Hunter-Lab	37.1458, 23.1924, 12.9544

Details

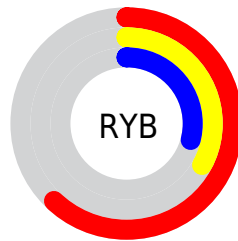
The YUV color **103.8120, -14.6973, 47.5229** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **128.1880, 14.6973, -47.5229**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6770, -16.6028, 52.0263**, and **54.1750, -11.9183, 42.8195** is the 20% darker color. If you saturate the color by 10%, you get **93.7700, -17.6346, 56.3297**, and if you desaturate by 10%, it is **113.8540, -11.7600, 38.7160**.

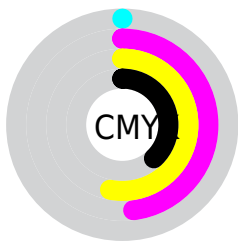
Distribution



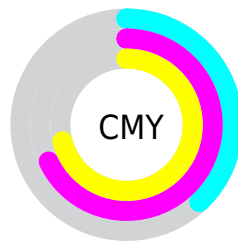
- Red (62%)
- Green (32%)
- Blue (29%)



- Red (62%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (48%)
- Yellow (53%)
- Black (38%)



- Cyan (38%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8120, -14.6973, 47.5229 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 103.8120, -14.6973, 47.5229 by changing the saturation by 10% instead.

■ 103.8120,
-14.6973, 47.5229

■ 103.8120,
-14.6973, 47.5229

■ 255.0000, 0.0000,
0.0000

■ 78.7300, -13.6709,
44.9638

■ 156.6770,
-16.6028, 52.0263

■ 54.1750, -11.9183,
42.8195

■ 184.1610,
-17.3344, 53.3558

■ 28.1040, -10.8973,
42.0048

■ 205.9640,
-15.2653, 43.0046

■ 14.9500, -7.3703,
30.7388

■ 225.5920,
-11.1379, 25.7908

■ 3.5880, -1.7689,
7.3773

■ 245.8070, -7.2999,
8.0623

■ 0.0000, 0.0000,
0.0000

■ 103.8120,
-14.6973, 47.5229

■ 103.8120,
-14.6973, 47.5229

■ 93.7700, -17.6346,
56.3297

■ 113.8540,
-11.7600, 38.7160

■ 83.1410, -20.2825,
65.6513

■ 124.4830, -9.1121,
29.3944

■ 73.2130, -22.7830,
74.3582

■ 134.4110, -6.6116,
20.6876

■ 63.1710, -25.7203,
83.1650

■ 144.4530, -3.6743,
11.8807

■ 56.0470, -27.6312,
89.4128

■ 154.4950, -0.7370,
3.0739

■ 165.1240, 1.9109,
-6.2477

■ 175.1660, 4.8482,
-15.0546

■ 185.0940, 7.3487,

-23.7614

■ 195.7230, 9.9966,
-33.0831

Harmonies

Analogous

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



104.7700, -0.8726, 46.6827



103.8120, -14.6973, 47.5229



102.8740, -25.5739, 36.0675

Triad

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



103.8120, -14.6973, 47.5229



91.7660, -8.7586, -37.5058



96.3520, 32.8575, -38.8967

Complementary

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



103.8120, -14.6973, 47.5229



128.1880, 14.6973, -47.5229

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.



84.7020, 35.1499, -74.2837



103.8120, -14.6973, 47.5229



81.8230, 11.4263, -71.7588

Square

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



103.8120, -14.6973, 47.5229



97.5820, -22.9649, -7.5264



84.5420, 24.3828, -74.1433



105.7270, 24.2916, 1.9934

Rectangle

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



103.8120, -14.6973, 47.5229



101.5860, -28.8829, 24.0421



84.5420, 24.3828, -74.1433



87.6480, 37.1485, -61.9583

Sweetspot

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



103.8120, -14.6973, 47.5229



185.6280, -5.7326, 18.7432



107.8940, 21.2513, 43.9430



92.1540, -3.5269, 11.2659



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



103.8120, -14.6973, 47.5229



121.3980, -23.3672, 75.0730



127.8790, -26.5623, 26.4161



73.9790, -1.4686, 4.4034



50.9750, -25.1307, 80.7059



5.0720, -2.5005, 8.7069

Inverse Universe

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



128.1880, 14.6973, -47.5229



159.6020, 23.3672, -75.0730



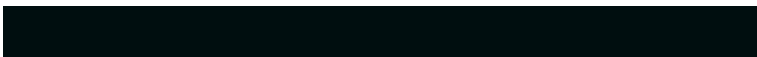
104.1210, 26.5623, -26.4161



76.0210, 1.4686, -4.4034



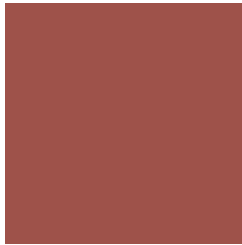
92.0250, 25.1307, -80.7059



9.9280, 2.5005, -8.7069

Previews

White Background



This preview shows how the YUV color 103.8120, -14.6973, 47.5229 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 103.8120, -14.6973, 47.5229 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 103.8120, -14.6973, 47.5229

Background



This preview shows how black text looks on a background with the YUV color 103.8120, -14.6973, 47.5229.

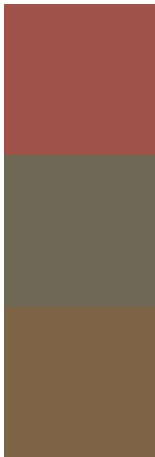


This preview shows how white text looks on a background with the YUV color 103.8120, -14.6973,

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

103.8120, -14.6973, 47.5229

Protanopia

103.8130, -9.7678, 6.3030

Deuteranopia

104.1690, -16.3523, 18.2688



Tritanopia

104.3050, -9.0244, 47.9675

Trichromacy



Original Color

103.8120, -14.6973, 47.5229

Protanomaly

103.7440, -11.7058, 21.2725

Deuteranomaly

103.7620, -15.6587, 29.1497

Tritanomaly

104.4360, -11.0609, 47.8526

Monochromacy



Original Color

103.8120, -14.6973, 47.5229

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0300, -5.4378, 17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8120, -14.6973, 47.5229 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(158, 82, 74)` looks like.

```
.text, #text, p{  
    color:rgb(158, 82, 74)  
}
```

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(158, 82, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 82, 74) }
```

Border

The CSS property to change the border of an element to YUV 103.8120, -14.6973, 47.5229 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(158, 82, 74) }
```


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

```
.border{ border-color:rgb(158, 82, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 82, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 82, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 82, 74);  
box-shadow:4px 4px 4px 4px rgb(158, 82,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 103.8120, -14.6973, 47.5229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 82, 74) }
```

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

```
.background{ background-color: rgb(158, 82,  
74) }
```

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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