

Converting Colors

YUV(100.0940, -12.3713,
48.1526)

Have a look what the booklet for
YUV(100.0940, -12.3713, 48.1526)
contains.

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Color

**YUV(100.0940, -12.3713,
48.1526)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4D4B
RGB	155, 77, 75
RGB Percent	61%, 30%, 29%
CMY	0.3922, 0.6980, 0.7059
CMYK	0.00, 0.50, 0.52, 0.39
HSL	1°, 35%, 45%
HSV	1°, 52%, 61%
XYZ	17.4414, 12.7843, 8.2050
YIQ	100.0940, 47.1300, 15.9140

Conversions

Conversions Part 2

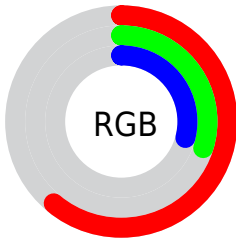
Format	Color
RYB	155, 77, 75
Decimal	10177867
CIELab	42.44, 32.25, 16.28
CIELCh	42, 36.124, 26.780
Yxy	12.7843, 0.4538, 0.3327
Android (android.graphics.Color)	4288367947 (0xFF9B4D4B)
YUV	100.0940, -12.3713, 48.1526
Hunter-Lab	35.7552, 24.5012, 11.4230

Details

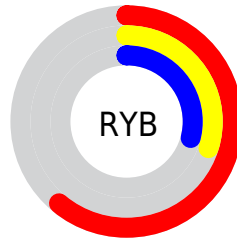
The YUV color **100.0940, -12.3713, 48.1526** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **129.9060, 12.3713, -48.1526**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9590, -14.2768, 52.6560**, and **49.8700, -9.3029, 43.9640** is the 20% darker color. If you saturate the color by 10%, you get **89.5790, -14.5824, 57.3742**, and if you desaturate by 10%, it is **110.7230, -9.7234, 38.8309**.

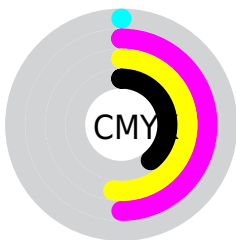
Distribution



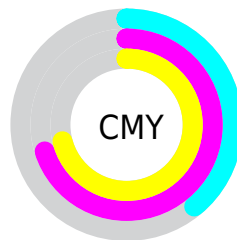
- Red (61%)
- Green (30%)
- Blue (29%)



- Red (61%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (52%)
- Black (39%)



- Cyan (39%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0940, -12.3713, 48.1526 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 100.0940, -12.3713, 48.1526 by changing the saturation by 10% instead.

■ 100.0940,
-12.3713, 48.1526

■ 100.0940,
-12.3713, 48.1526

■ 255.0000, 0.0000,
0.0000

■ 75.0120, -11.3449,
45.5935

■ 152.9590,
-14.2768, 52.6560

■ 49.8700, -9.3029,
43.9640

■ 179.8560,
-14.7190, 54.5003

■ 23.3260, -7.5557,
43.5641

■ 203.1430,
-13.3815, 45.4786

■ 14.6510, -7.2229,
30.1241

■ 222.7710, -9.2541,
28.2648

■ 0.0000, 0.0000,
0.0000

■ 242.3990, -5.1267,
11.0511

100.0940,
-12.3713, 48.1526

100.0940,
-12.3713, 48.1526

89.5790, -14.5824,
57.3742

110.7230, -9.7234,
38.8309

78.9500, -17.2304,
66.6958

121.2380, -7.5123,
29.6093

68.4350, -19.4415,
75.9175

131.8670, -4.8644,
20.2876

57.8060, -22.0894,
85.2391

142.3820, -2.6533,
11.0660

48.6930, -24.0056,
93.2312

153.5980, -0.2948,
1.2296

164.1130, 1.9163,
-7.9921

174.6280, 4.1274,
-17.2138

185.2570, 6.7753,

-26.5354

■ 195.7720, 8.9864,
-35.7570

Harmonies

Analogous

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



101.7420, 1.6062, 44.9533



100.0940, -12.3713, 48.1526



99.0530, -23.6901, 38.5415

Triad

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



100.0940, -12.3713, 48.1526



89.1150, -11.3957, -31.6729



88.4430, 34.7846, -50.3775

Complementary

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



100.0940, -12.3713, 48.1526



129.9060, 12.3713, -48.1526

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.



82.1430, 32.9605, -72.0394



100.0940, -12.3713, 48.1526



78.4490, 8.6526, -68.7998

Square

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



100.0940, -12.3713, 48.1526



94.4470, -24.8704, -3.0230



81.8690, 21.7566, -71.7991



101.6230, 25.3289, -4.0544

Rectangle

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



100.0940, -12.3713, 48.1526



98.4230, -28.3095, 26.8160



81.8690, 21.7566, -71.7991



80.8210, 38.0492, -70.8800

Sweetspot

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



100.0940, -12.3713, 48.1526



180.5570, -4.7116, 17.9285



107.9260, 22.7145, 41.2839



89.3820, -2.6533, 11.0660



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.



100.0940, -12.3713, 48.1526



115.8370, -19.1466, 74.6880



122.9870, -23.6576, 28.0754



71.3920, -1.1793, 4.9182



44.2080, -21.7945, 84.0096



3.8870, -1.9163, 7.9921

Inverse Universe

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



129.9060, 12.3713, -48.1526



162.1630, 19.1466, -74.6880



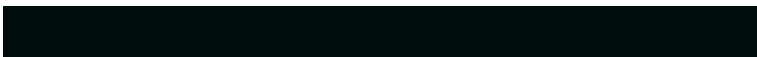
107.0130, 23.6576, -28.0754



74.0210, 1.4686, -4.4034



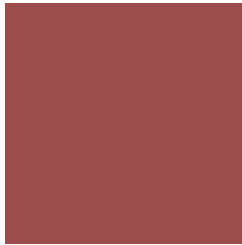
96.3790, 21.5052, -84.5244



8.5260, 2.2057, -7.4773

Previews

White Background



This preview shows how the YUV color 100.0940, -12.3713, 48.1526 looks on a white background.

Color Contrast Check

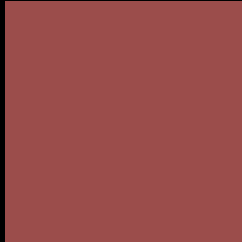
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.0940, -12.3713, 48.1526 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 100.0940, -12.3713, 48.1526

Background



This preview shows how black text looks on a background with the YUV color 100.0940, -12.3713, 48.1526.



This preview shows how white text looks on a background with the YUV color 100.0940, -12.3713,

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

100.0940, -12.3713, 48.1526

Protanopia

100.7850, -7.2890, 4.5736

Deuteranopia

100.4400, -14.0209, 17.1541



Tritanopia

100.1910, -9.4612, 48.0675

Trichromacy



Original Color

100.0940, -12.3713, 48.1526

Protanomaly

100.4280, -9.0850, 20.6726

Deuteranomaly

100.3320, -13.4747, 28.6498

Tritanomaly

99.9630, -10.3348, 48.2674

Monochromacy



Original Color

100.0940, -12.3713, 48.1526

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2580, -4.5642, 17.3137

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0940, -12.3713, 48.1526 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(155, 77, 75)` looks like.

```
.text, #text, p{  
    color:rgb(155, 77, 75)  
}
```

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(155, 77, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 77, 75) }
```

Border

The CSS property to change the border of an element to YUV 100.0940, -12.3713, 48.1526 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(155, 77, 75) }
```


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

```
.border{ border-color:rgb(155, 77, 75) }
```

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

Here you see how a box with a 4 pixel rgb(155, 77, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 77, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 77, 75);  
box-shadow:4px 4px 4px 4px rgb(155, 77,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 100.0940, -12.3713, 48.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 77, 75) }
```

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

```
.background{ background-color: rgb(155, 77,  
75) }
```

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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