

Converting Colors

YUV(98.0420, -20.2337,
49.9522)

Have a look what the booklet for
YUV(98.0420, -20.2337, 49.9522)
contains.

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Color

**YUV(98.0420, -20.2337,
49.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4D39
RGB	155, 77, 57
RGB Percent	61%, 30%, 22%
CMY	0.3922, 0.6980, 0.7765
CMYK	0.00, 0.50, 0.63, 0.39
HSL	12°, 46%, 42%
HSV	12°, 63%, 61%
XYZ	16.9100, 12.5717, 5.4062
YIQ	98.0420, 52.9080, 10.3160

Conversions

Conversions Part 2

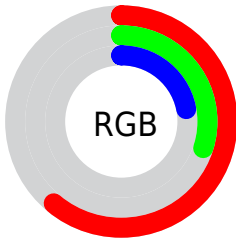
Format	Color
RYB	155, 82, 57
Decimal	10177849
CIELab	42.11, 30.74, 26.68
CIELCh	42, 40.703, 40.960
Yxy	12.5717, 0.4847, 0.3603
Android (android.graphics.Color)	4288367929 (0xFF9B4D39)
YUV	98.0420, -20.2337, 49.9522
Hunter-Lab	35.4566, 23.0811, 15.7794

Details

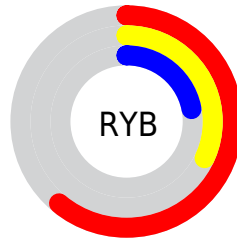
The YUV color **98.0420, -20.2337, 49.9522** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **113.9580, 20.2337, -49.9522**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7930, -22.5759, 54.5555**, and **48.2200, -16.8705, 44.5341** is the 20% darker color. If you saturate the color by 10%, you get **89.2880, -23.3130, 57.6294**, and if you desaturate by 10%, it is **106.9100, -16.7176, 42.1749**.

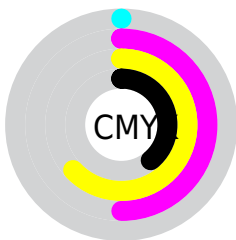
Distribution



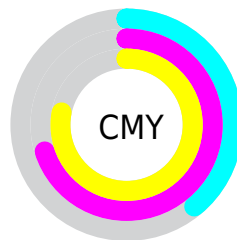
- Red (61%)
- Green (30%)
- Blue (22%)



- Red (61%)
- Yellow (32%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (63%)
- Black (39%)





- Cyan (39%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.0420, -20.2337, 49.9522 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 98.0420, -20.2337, 49.9522 by changing the saturation by 10% instead.


 98.0420, -20.2337,
49.9522

 98.0420, -20.2337,
49.9522


255.0000, 0.0000,
0.0000

 73.0740, -18.7705,
47.2931


 150.7930,
-22.5759, 54.5555


 48.2200, -16.8705,
44.5341

 177.8750,
-23.6024, 57.1146


 23.2890, -11.4815,
42.7195

 200.2760,
-21.8281, 47.9929

 14.0530, -6.9281,
28.8945

 219.7900,
-18.1375, 30.8792

 0.0000, 0.0000,
0.0000

 240.0050,
-14.2995, 13.1506

 253.1760, -6.9888,

1.5996

■ 98.0420, -20.2337,
49.9522

■ 98.0420, -20.2337,
49.9522

■ 89.2880, -23.3130,
57.6294

■ 106.9100,
-16.7176, 42.1749

■ 79.8330, -26.5397,
65.9215

■ 116.2510,
-13.9277, 33.9829

■ 71.0790, -29.6189,
73.5987

■ 125.0050,
-10.8485, 26.3056

■ 65.1290, -32.1086,
78.8169

■ 133.8730, -7.3324,
18.5284

■ 143.3280, -4.1057,
10.2363

■ 152.0820, -1.0264,
2.5591

■ 160.9500, 2.4896,
-5.2182

■ 170.2910, 5.2795,
-13.4102

■ 179.0450, 8.3588,
-21.0875

Harmonies

Analogous

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



98.6740, -5.2623, 54.6599



98.0420, -20.2337, 49.9522



97.0710, -31.0940, 33.2637

Triad

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



98.0420, -20.2337, 49.9522



75.5820, 0.2061, -66.2854



94.5640, 34.7249, -31.1896

Complementary

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



98.0420, -20.2337, 49.9522



113.9580, 20.2337, -49.9522

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.



82.4510, 39.2177, -72.3095



98.0420, -20.2337, 49.9522



80.7460, 14.9152, -70.8142

Square

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



98.0420, -20.2337, 49.9522



90.4450, -21.9114, -18.8073



83.2200, 29.4715, -72.9839



101.9780, 23.6748, 13.1743

Rectangle

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



98.0420, -20.2337, 49.9522



95.5870, -33.8134, 18.7792



83.2200, 29.4715, -72.9839



85.6640, 39.6056, -56.7103

Sweetspot

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



98.0420, -20.2337, 49.9522



179.0580, -7.9166, 19.2431



95.1940, 19.6244, 52.4499



88.2250, -4.5479, 12.0807



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.



98.0420, -20.2337, 49.9522



112.5310, -31.8138, 77.5873



126.8050, -34.4139, 24.7270



71.9790, -1.4686, 4.4034



58.8830, -29.0293, 71.1396



5.6480, -2.7845, 6.4477

Inverse Universe

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



113.9580, 20.2337, -49.9522



137.0560, 31.5244, -78.1021



85.1950, 34.4139, -24.7270



73.4340, 1.7580, -3.8886



81.7040, 28.7399, -71.6544



7.3520, 2.7845, -6.4477

Previews

White Background



This preview shows how the YUV color 98.0420, -20.2337, 49.9522 looks on a white background.

Color Contrast Check

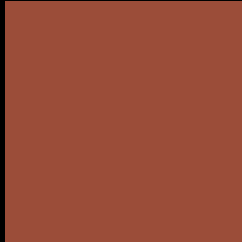
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.0420, -20.2337, 49.9522 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 98.0420, -20.2337, 49.9522

Background



This preview shows how black text looks on a background with the YUV color 98.0420, -20.2337, 49.9522.



This preview shows how white text looks on a background with the YUV color 98.0420, -20.2337,

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

98.0420, -20.2337, 49.9522

Protanopia

98.8150, -16.1778, 8.9322

Deuteranopia

98.2850, -22.3255, 20.7981



Tritanopia

99.0880, -9.9034, 49.9118

Trichromacy



Original Color

98.0420, -20.2337, 49.9522

Protanomaly

98.8600, -17.6790, 23.8018

Deuteranomaly

97.8780, -21.6319, 31.6790

Tritanomaly

98.7630, -13.6872, 50.1968

Monochromacy



Original Color

98.0420, -20.2337, 49.9522

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8730, -7.3324, 18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0420, -20.2337, 49.9522 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, 57)` looks like.

```
.text, #text, p{  
    color:rgb(155, 77, 57)  
}
```

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, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 77, 57) }
```

Border

The CSS property to change the border of an element to YUV 98.0420, -20.2337, 49.9522 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, 57) }
```


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

```
.border{ border-color:rgb(155, 77, 57) }
```

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, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 77, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 77, 57);  
box-shadow:4px 4px 4px 4px rgb(155, 77,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 98.0420, -20.2337, 49.9522 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, 57) }
```

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

```
.background{ background-color: rgb(155, 77,  
57) }
```

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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