

Converting Colors

YUV(69.2020, -9.4666, 49.8118)

Have a look what the booklet for
YUV(69.2020, -9.4666, 49.8118)
contains.

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Color

**YUV(69.2020, -9.4666,
49.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	7E2C32
RGB	126, 44, 50
RGB Percent	49%, 17%, 20%
CMY	0.5059, 0.8275, 0.8039
CMYK	0.00, 0.65, 0.60, 0.51
HSL	356°, 48%, 33%
HSV	356°, 65%, 49%
XYZ	10.0806, 6.4673, 3.7346
YIQ	69.2020, 46.9460, 19.2500

Conversions

Conversions Part 2

Format	Color
R_{YB}	126, 44, 50
Decimal	8268850
CIE Lab	30.56, 35.98, 15.30
CIE LCh	31, 39.094, 23.035
Yxy	6.4673, 0.4970, 0.3189
Android (android.graphics.Color)	4286458930 (0xFF7E2C32)
YUV	69.2020, -9.4666, 49.8118
Hunter-Lab	25.4308, 26.2521, 9.0946

Details

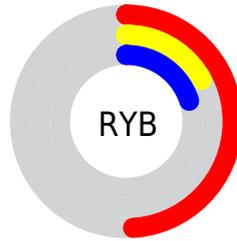
The YUV color **69.2020, -9.4666, 49.8118** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **100.7980, 9.4666, -49.8118**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.8390, -12.2456, 54.5152**, and **21.9840, -8.8661, 43.8640** is the 20% darker color. If you saturate the color by 10%, you get **60.2030, -10.9461, 57.7040**, and if you desaturate by 10%, it is **78.2010, -7.9871, 41.9197**.

Distribution



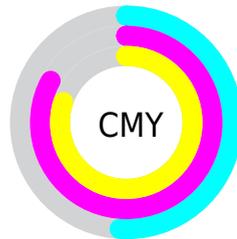
- Red (49%)
- Green (17%)
- Blue (20%)



- Red (49%)
- Yellow (17%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (60%)
- Black (51%)



- Cyan (51%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.2020, -9.4666, 49.8118 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 69.2020, -9.4666, 49.8118 by changing the saturation by 10% instead.

■ 69.2020, -9.4666,
49.8118

■ 69.2020, -9.4666,
49.8118

255.0000, 0.0000,
0.0000

■ 43.1740, -6.9878,
48.0824

■ 120.8390,
-12.2456, 54.5152

■ 21.9840, -8.8661,
43.8640

■ 147.6220,
-13.1246, 56.4595

■ 14.4660, -6.6387,
29.4093

■ 174.8180,
-13.7143, 58.9186

■ 0.0000, 0.0000,
0.0000

■ 197.5180,
-12.0874, 50.4117

■ 217.0320, -8.3968,
33.2979

■ 237.3610, -4.1220,

15.4694

■ 69.2020, -9.4666,
49.8118

■ 69.2020, -9.4666,
49.8118

■ 60.2030, -10.9461,
57.7040

■ 78.2010, -7.9871,
41.9197

■ 51.9050, -12.2782,
64.9813

■ 86.4990, -6.6550,
34.6424

■ 42.9060, -13.7577,
72.8734

■ 95.4980, -5.1755,
26.7503

■ 38.7000, -14.6421,
76.5621

■ 103.9100, -3.4066,
19.3729

■ 112.7950, -2.3639,
11.5808

■ 121.7940, -0.8844,
3.6887

■ 130.2060, 0.8844,
-3.6887

■ 139.0910, 1.9271,
-11.4808

■ 147.5030, 3.6960,
-18.8581

Harmonies

Analogous

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



70.5510, 4.6584, 45.9978



69.2020, -9.4666, 49.8118



69.8790, -23.1113, 39.5711

Triad

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



69.2020, -9.4666, 49.8118



59.0610, -12.8481, -32.5025



60.9480, 35.5216, -53.4514

Complementary

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



69.2020, -9.4666, 49.8118



100.7980, 9.4666, -49.8118

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.



62.9880, 28.1069, -55.2405



69.2020, -9.4666, 49.8118



57.7780, 3.0674, -50.6713

Square

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



69.2020, -9.4666, 49.8118



65.1330, -28.6596, -0.9936



61.3120, 16.6082, -53.7706



71.2630, 27.9713, -11.6317

Rectangle

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



69.2020, -9.4666, 49.8118



68.5650, -30.3515, 28.4455



61.3120, 16.6082, -53.7706



61.7800, 33.6325, -54.1811

Sweetspot

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



69.2020, -9.4666, 49.8118



140.7960, -3.8434, 19.4729



75.7730, 24.7619, 37.9101



68.0940, -2.5113, 12.1956



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



69.2020, -9.4666, 49.8118



74.9990, -14.7895, 77.1769



88.4760, -21.9267, 32.9085



59.2070, -0.5951, 4.2035



39.2980, -14.9369, 77.7917



0.0000, 0.0000, 0.0000

Inverse Universe

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



69.2020, -9.4666, 49.8118



74.9990, -14.7895, 77.1769



81.5240, 21.9267, -32.9085



59.2070, -0.5951, 4.2035



39.2980, -14.9369, 77.7917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 69.2020, -9.4666, 49.8118 looks on a white background.

Color Contrast Check

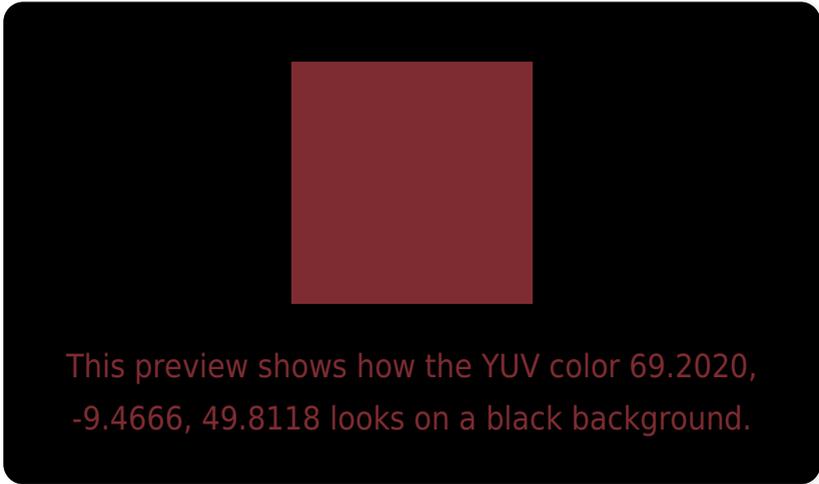
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 69.2020, -9.4666, 49.8118

Background



This preview shows how black text looks on a background with the YUV color 69.2020, -9.4666, 49.8118.



This preview shows how white text looks on a background with the YUV color 69.2020, -9.4666,

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

69.2020, -9.4666, 49.8118

Protanopia

73.0560, -4.9576, 3.4589

Deuteranopia

72.6460, -13.1365, 13.4655



Tritanopia

68.8600, -10.7770, 50.1118

Trichromacy



Original Color

69.2020, -9.4666, 49.8118

Protanomaly

71.4110, -6.6116, 20.6876

Deuteranomaly

71.6630, -12.1589, 26.6055

Tritanomaly

68.9740, -10.3402, 50.0118

Monochromacy



Original Color

69.2020, -9.4666, 49.8118

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1980, -3.5486, 18.2434

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2020, -9.4666, 49.8118 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(126, 44, 50)` looks like.

```
.text, #text, p{  
    color:rgb(126, 44, 50)  
}
```

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(126, 44, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 44, 50) }
```

Border

The CSS property to change the border of an element to YUV 69.2020, -9.4666, 49.8118 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(126, 44, 50) }
```

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

```
.border{ border-color:rgb(126, 44, 50) }
```

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

Here you see how a box with a 4 pixel rgb(126, 44, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 44, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 44, 50);  
box-shadow:4px 4px 4px 4px rgb(126, 44,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 69.2020, -9.4666, 49.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 44, 50) }
```

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

```
.background{ background-color: rgb(126, 44,  
50) }
```

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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