

Converting Colors

YUV(49.8250, -11.2527,
15.9395)

Have a look what the booklet for
YUV(49.8250, -11.2527, 15.9395)
contains.

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Color

**YUV(49.8250, -11.2527,
15.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	442D1B
RGB	68, 45, 27
RGB Percent	27%, 18%, 11%
CMY	0.7333, 0.8235, 0.8941
CMYK	0.00, 0.34, 0.60, 0.73
HSL	26°, 43%, 19%
HSV	26°, 60%, 27%
XYZ	3.5201, 3.1848, 1.4661
YIQ	49.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

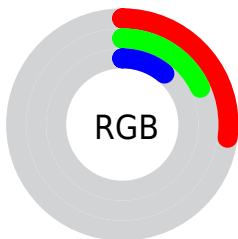
Format	Color
R_{YB}	68, 59, 27
Decimal	4467995
CIE _{Lab}	20.77, 8.18, 15.81
CIE _{LCh}	21, 17.803, 62.664
Yxy	3.1848, 0.4308, 0.3898
Android (android.graphics.Color)	4282658075 (0xFF442D1B)
YUV	49.8250, -11.2527, 15.9395
Hunter-Lab	17.8461, 3.9780, 7.6214

Details

The YUV color **49.8250, -11.2527, 15.9395** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **45.1750, 11.2527, -15.9395**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.7930, -12.7159, 18.5985**, and **6.5780, -3.2430, 13.5251** is the 20% darker color. If you saturate the color by 10%, you get **46.6790, -13.1527, 18.6985**, and if you desaturate by 10%, it is **52.9710, -9.3527, 13.1804**.

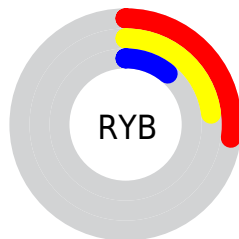
Distribution



 Red (27%)

 Green (18%)

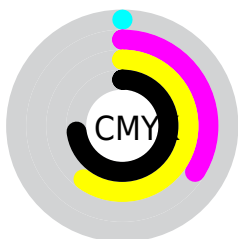
 Blue (11%)




 Red (27%)

 Yellow (23%)

 Blue (11%)

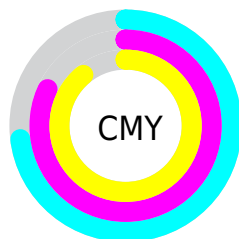


 Cyan (0%)

 Magenta (34%)

 Yellow (60%)

 Black (73%)



 Cyan (73%)

 Magenta (82%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.8250, -11.2527, 15.9395 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 49.8250, -11.2527, 15.9395 by changing the saturation by 10% instead.

■ 49.8250, -11.2527,
15.9395

■ 49.8250, -11.2527,
15.9395

255.0000, 0.0000,
0.0000

■ 27.6570, -13.1419,
15.2098

■ 96.7930, -12.7159,
18.5985

■ 6.5780, -3.2430,
13.5251

■ 121.2770,
-13.4476, 19.9281

■ 0.0000, 0.0000,
0.0000

■ 147.4620,
-14.0318, 20.6428

■ 174.0600,
-14.3266, 21.8724

■ 201.2450,
-14.9108, 22.5871

■ 229.2450,

-14.9108, 22.5871

■ 249.4600,
-11.0728, 4.8586

■ 49.8250, -11.2527,
15.9395

■ 49.8250, -11.2527,
15.9395

■ 46.6790, -13.1527,
18.6985

■ 52.9710, -9.3527,
13.1804

■ 43.5330, -15.0528,
21.4576

■ 56.1170, -7.4527,
10.4214

■ 41.0880, -16.8054,
23.6018

■ 58.5620, -5.7001,
8.2771

■ 37.9420, -18.7054,
26.3609

■ 61.7080, -3.8000,
5.5181

■ 64.8540, -1.9000,
2.7590

■ 68.0000, 0.0000,
0.0000

■ 71.1460, 1.9000,
-2.7590

■ 74.1780, 3.3632,
-5.4181

■ 76.7370, 5.5527,
-7.6623

Harmonies

Analogous

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



50.4110, -6.6116, 20.6876



49.8250, -11.2527, 15.9395



49.0150, -12.8254, 7.0028

Triad

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



49.8250, -11.2527, 15.9395



41.0670, 4.8970, -30.7538



51.0570, 10.3249, 1.7040

Complementary

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



49.8250, -11.2527, 15.9395



45.1750, 11.2527, -15.9395

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.



48.1690, 13.7207, -14.1802



49.8250, -11.2527, 15.9395



40.1680, 11.7492, -35.2273

Square

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



49.8250, -11.2527, 15.9395



45.2770, -3.5876, -16.0289



40.9170, 15.8169, -33.2532



51.7550, 5.0508, 13.3699

Rectangle

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



49.8250, -11.2527, 15.9395



47.7260, -11.2039, 0.2403



40.9170, 15.8169, -33.2532



50.6650, 11.5042, -3.2142

Sweetspot

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



49.8250, -11.2527, 15.9395



81.8930, -4.3842, 6.2328



41.8810, 4.0027, 22.9064



41.3380, -2.6316, 4.0886



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



49.8250, -11.2527, 15.9395



60.5720, -17.5370, 24.9314



61.5650, -17.0405, 5.6435



31.4840, -0.7316, 1.3295



54.2440, -26.7423, 37.4970



125.0890, -61.6689, 86.7449

Inverse Universe

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



45.1750, 11.2527, -15.9395



53.4280, 17.5370, -24.9314



33.4350, 17.0405, -5.6435



31.5160, 0.7316, -1.3295



42.7560, 26.7423, -37.4970



99.4980, 61.3795, -87.2597

Previews

White Background



This preview shows how the YUV color 49.8250, -11.2527, 15.9395 looks on a white background.

Color Contrast Check

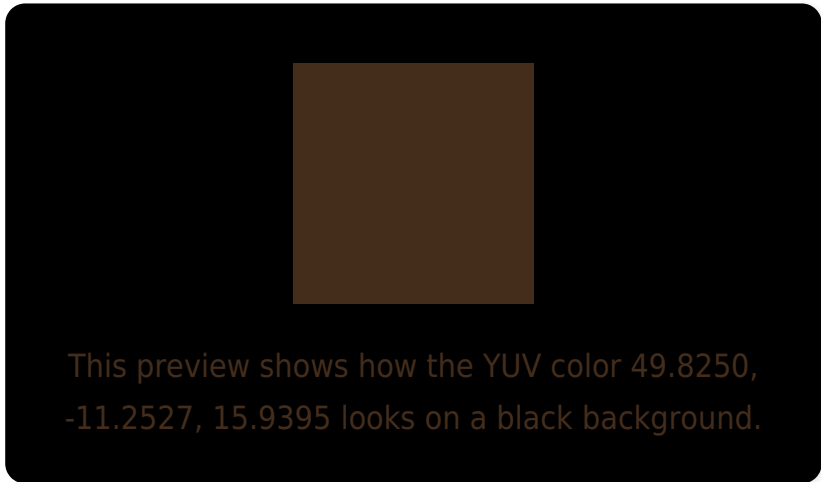
Large Text (above 18pt) WCAG AA ✓ Pass

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

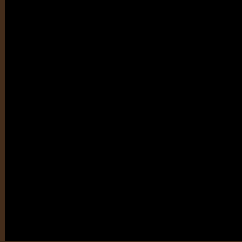
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.8250, -11.2527, 15.9395

Background



This preview shows how black text looks on a background with the YUV color 49.8250, -11.2527, 15.9395.

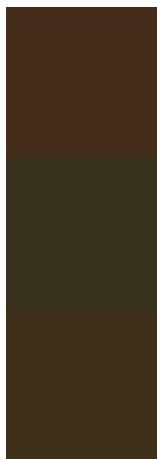


This preview shows how white text looks on a background with the YUV color 49.8250, -11.2527, 15.9395.

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

49.8250, -11.2527, 15.9395

Protanopia

49.1010, -9.9098, 5.1734

Deuteranopia

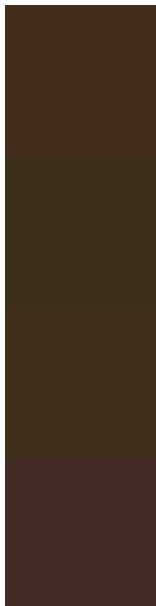
49.6780, -11.6733, 10.8064



Tritanopia

51.1160, -2.5222, 15.6843

Trichromacy



Original Color

49.8250, -11.2527, 15.9395

Protanomaly

49.3080, -10.5048, 9.3769

Deuteranomaly

49.6890, -11.6787, 12.5507

Tritanomaly

50.9050, -5.8692, 15.8693

Monochromacy



Original Color

49.8250, -11.2527, 15.9395

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0070, -3.9475, 6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.8250, -11.2527, 15.9395 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(68, 45, 27)` looks like.

```
.text, #text, p{  
    color:rgb(68, 45, 27)  
}
```

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(68, 45, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 45, 27) }
```

Border

The CSS property to change the border of an element to YUV 49.8250, -11.2527, 15.9395 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(68, 45, 27) }
```


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

```
.border{ border-color:rgb(68, 45, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 45, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 45, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 45, 27);  
box-shadow:4px 4px 4px 4px rgb(68, 45, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.8250, -11.2527, 15.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 45, 27) }
```

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

```
.background{ background-color: rgb(68, 45,  
27) }
```

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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