

Converting Colors

YUV(72.4500, -9.0959, 24.1613)

Have a look what the booklet for
YUV(72.4500, -9.0959, 24.1613)
contains.

YUV(72.4500, -9.0959, 24.1613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(72.4500, -9.0959,
24.1613)**

Conversions

Conversions Part 1

Format	Color
Hex	643E36
RGB	100, 62, 54
RGB Percent	39%, 24%, 21%
CMY	0.6078, 0.7569, 0.7882
CMYK	0.00, 0.38, 0.46, 0.61
HSL	10°, 30%, 30%
HSV	10°, 46%, 39%
XYZ	7.6440, 6.4209, 4.3265
YIQ	72.4500, 25.2160, 5.5680

Conversions

Conversions Part 2

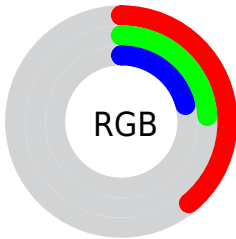
Format	Color
R_YB	100, 64, 54
Decimal	6569526
CIE Lab	30.45, 15.61, 11.84
CIE LCh	30, 19.588, 37.186
Yxy	6.4209, 0.4156, 0.3491
Android (android.graphics.Color)	4284759606 (0xFF643E36)
YUV	72.4500, -9.0959, 24.1613
Hunter-Lab	25.3395, 9.5028, 7.6144

Details

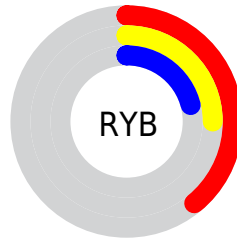
The YUV color **72.4500, -9.0959, 24.1613** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.5500, 9.0958, -24.1614**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8310, -10.2697, 27.3352**, and **27.5420, -8.6482, 20.5727** is the 20% darker color. If you saturate the color by 10%, you get **66.6140, -11.1487, 29.2795**, and if you desaturate by 10%, it is **78.2860, -7.0430, 19.0432**.

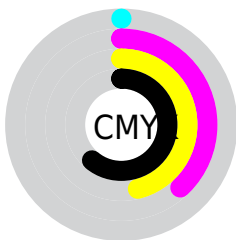
Distribution



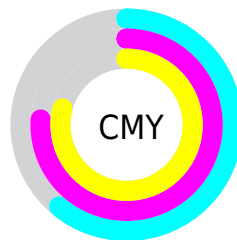
- Red (39%)
- Green (24%)
- Blue (21%)



- Red (39%)
- Yellow (25%)
- Blue (21%)



- Cyan (0%)
- Magenta (38%)
- Yellow (46%)
- Black (61%)



- Cyan (61%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.4500, -9.0959, 24.1613 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 72.4500, -9.0959, 24.1613 by changing the saturation by 10% instead.

72.4500, -9.0959,
24.1613

72.4500, -9.0959,
24.1613

255.0000, 0.0000,
0.0000

49.6670, -8.2168,
22.2170

121.8310,
-10.2697, 27.3352

27.5420, -8.6482,
20.5727

147.4290,
-10.5645, 28.5648

8.9700, -4.4222,
18.4433

174.6140,
-11.1487, 29.2795

0.0000, 0.0000,
0.0000

202.0980,
-11.8803, 30.6091

227.1080,
-10.4062, 24.4613

246.7360, -6.2788,

7.2475

■ 72.4500, -9.0959,
24.1613

■ 72.4500, -9.0959,
24.1613

■ 66.6140, -11.1487,
29.2795

■ 78.2860, -7.0430,
19.0432

■ 60.1910, -12.9122,
34.9125

■ 84.7090, -5.2795,
13.4102

■ 54.3550, -14.9650,
40.0307

■ 90.5450, -3.2267,
8.2920

■ 48.5190, -17.0179,
45.1488

■ 96.3810, -1.1738,
3.1739

■ 42.6830, -19.0707,
50.2670

■ 102.2170, 0.8790,
-1.9443

■ 39.8790, -19.6603,
52.7261

■ 108.6400, 2.6425,
-7.5773

■ 114.4760, 4.6953,
-12.6955

■ 120.3120, 6.7482,
-17.8136

■ 126.1480, 8.8010,
-22.9318

Harmonies

Analogous

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



73.2850, -2.1125, 24.3061



72.4500, -9.0959, 24.1613



71.8530, -13.7315, 17.6689

Triad

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



72.4500, -9.0959, 24.1613



65.9560, -3.4293, -20.1324



70.6360, 15.4625, -12.8358

Complementary

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



72.4500, -9.0959, 24.1613



81.5500, 9.0958, -24.1614

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.



64.8680, 16.8271, -30.5792



72.4500, -9.0959, 24.1613



62.3870, 6.2182, -34.5424

Square

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



72.4500, -9.0959, 24.1613



68.5080, -10.6034, -5.7075



60.2210, 14.6810, -42.2898



73.0080, 11.3351, 4.3780

Rectangle

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



72.4500, -9.0959, 24.1613



70.5810, -14.5834, 10.8915



60.2210, 14.6810, -42.2898



69.4180, 16.0629, -18.7836

Sweetspot

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



72.4500, -9.0959, 24.1613



119.1430, -3.5215, 9.5216



72.0860, 9.8176, 24.4806



59.4630, -2.2003, 5.7329



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



72.4500, -9.0959, 24.1613



87.2730, -13.9386, 37.4716



85.9510, -15.7518, 12.3210



48.0820, -1.0264, 2.5591



46.1250, -22.7396, 60.4034



97.0120, -47.8269, 127.1545

Inverse Universe

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



81.5500, 9.0958, -24.1614



101.7270, 13.9386, -37.4716



68.0490, 15.7518, -12.3210



48.9180, 1.0264, -2.5591



68.8750, 22.7396, -60.4034



144.9880, 47.8269, -127.1545

Previews

White Background



This preview shows how the YUV color 72.4500, -9.0959, 24.1613 looks on a white background.

Color Contrast Check

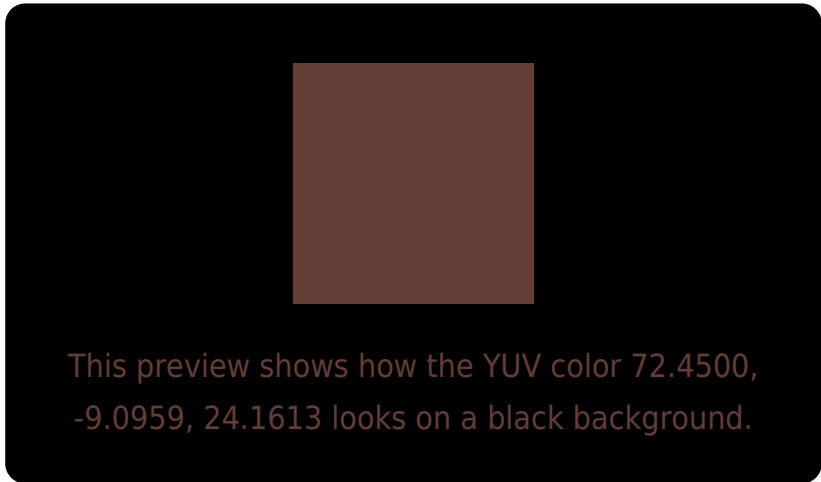
Large Text (above 18pt) WCAG AA ✓ Pass

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

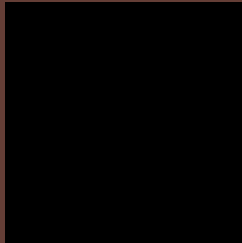
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.4500, -9.0959, 24.1613

Background



This preview shows how black text looks on a background with the YUV color 72.4500, -9.0959, 24.1613.

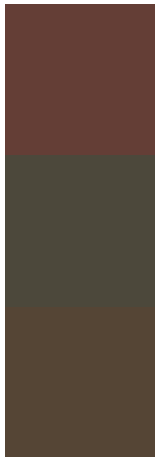


This preview shows how white text looks on a background with the YUV color 72.4500, -9.0959,

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

72.4500, -9.0959, 24.1613

Protanopia

71.7140, -6.2680, 3.7588

Deuteranopia

71.9600, -9.3473, 11.4361



Tritanopia

72.8290, -3.8597, 24.7060

Trichromacy



Original Color

72.4500, -9.0959, 24.1613

Protanomaly

71.8290, -7.3107, 11.5510

Deuteranomaly

71.6940, -9.2161, 16.0544

Tritanomaly

72.9600, -5.8963, 24.5911

Monochromacy



Original Color

72.4500, -9.0959, 24.1613

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8440, -3.3741, 8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4500, -9.0959, 24.1613 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(100, 62, 54)` looks like.

```
.text, #text, p{  
    color:rgb(100, 62, 54)  
}
```

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(100, 62, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 62, 54) }
```

Border

The CSS property to change the border of an element to YUV 72.4500, -9.0959, 24.1613 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(100, 62, 54) }
```


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

```
.border{ border-color:rgb(100, 62, 54) }
```

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

Here you see how a box with a 4 pixel rgb(100, 62, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 62, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 62, 54);  
box-shadow:4px 4px 4px 4px rgb(100, 62,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 72.4500, -9.0959, 24.1613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 62, 54) }
```

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

```
.background{ background-color: rgb(100, 62,  
54) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor