

Converting Colors

YUV(63.6490, -14.1240,
50.2968)

Have a look what the booklet for
YUV(63.6490, -14.1240, 50.2968)
contains.

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Color

**YUV(63.6490, -14.1240,
50.2968)**

Conversions

Conversions Part 1

Format	Color
Hex	792823
RGB	121, 40, 35
RGB Percent	47%, 16%, 14%
CMY	0.5255, 0.8431, 0.8627
CMYK	0.00, 0.67, 0.71, 0.53
HSL	3°, 55%, 31%
HSV	3°, 71%, 47%
XYZ	8.9473, 5.7039, 2.2195
YIQ	63.6490, 49.8810, 15.6170

Conversions

Conversions Part 2

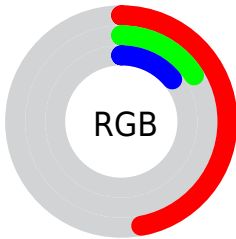
Format	Color
R_{YB}	121, 40, 35
Decimal	7940131
CIE Lab	28.65, 34.98, 22.35
CIE LCh	29, 41.515, 32.578
Yxy	5.7039, 0.5303, 0.3381
Android (android.graphics.Color)	4286130211 (0xFF792823)
YUV	63.6490, -14.1240, 50.2968
Hunter-Lab	23.8828, 25.0774, 11.2080

Details

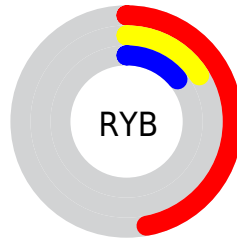
The YUV color **63.6490, -14.1240, 50.2968** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **92.3510, 14.1240, -50.2968**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.1720, -17.3398, 55.1002**, and **19.7340, -9.7289, 40.5753** is the 20% darker color. If you saturate the color by 10%, you get **55.8240, -16.1822, 57.1594**, and if you desaturate by 10%, it is **71.4740, -12.0657, 43.4343**.

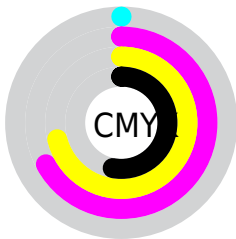
Distribution



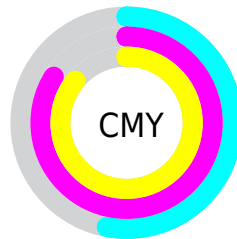
- Red (47%)
- Green (16%)
- Blue (14%)



- Red (47%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (67%)
- Yellow (71%)
- Black (53%)



- Cyan (53%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6490, -14.1240, 50.2968 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 63.6490, -14.1240, 50.2968 by changing the saturation by 10% instead.

■ 63.6490, -14.1240,
50.2968

■ 63.6490, -14.1240,
50.2968

255.0000, 0.0000,
0.0000

■ 37.0340, -11.3558,
49.0822

■ 115.1720,
-17.3398, 55.1002

■ 19.7340, -9.7289,
40.5753

■ 141.5530,
-18.5136, 58.2740

■ 12.6720, -5.7543,
25.7207

■ 168.9230,
-19.6820, 59.7035

■ 0.0000, 0.0000,
0.0000

■ 193.1180,
-18.7922, 54.2705

■ 212.0450,
-14.8122, 37.6715

■ 232.2600,

-10.9742, 19.9430

252.4750, -7.1362,
2.2144

63.6490, -14.1240,
50.2968

63.6490, -14.1240,
50.2968

55.8240, -16.1822,
57.1594

71.4740, -12.0657,
43.4343

47.4120, -17.9511,
64.5367

79.8860, -10.2968,
36.0570

40.2880, -19.8620,
70.7844

87.7110, -8.2385,
29.1945

96.1230, -6.4696,
21.8171

103.9480, -4.4114,
14.9546

■ 111.8870, -1.9163,
7.9921

■ 120.2990, -0.1474,
0.6148

■ 128.1240, 1.9109,
-6.2477

■ 136.5360, 3.6798,
-13.6251

Harmonies

Analogous

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



63.6720, 1.1477, 52.0307



63.6490, -14.1240, 50.2968



64.2500, -29.2102, 35.7378

Triad

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



63.6490, -14.1240, 50.2968



51.0640, -7.4266, -44.7831



56.7250, 37.1106, -49.7478

Complementary

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



63.6490, -14.1240, 50.2968



92.3510, 14.1240, -50.2968

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.



59.9220, 31.5905, -52.5516



63.6490, -14.1240, 50.2968



56.0000, 6.4090, -49.1120

Square

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



63.6490, -14.1240, 50.2968



58.5340, -26.8853, -10.1153



59.6480, 20.3865, -52.3113



68.8840, 26.1862, 0.9787

Rectangle

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



63.6490, -14.1240, 50.2968



63.5920, -31.3509, 22.2828



59.6480, 20.3865, -52.3113



58.3720, 35.8056, -51.1922

Sweetspot

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



63.6490, -14.1240, 50.2968



136.0410, -5.4432, 19.2580



70.0620, 23.1404, 44.6726



65.5670, -3.2375, 11.7807



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



63.6490, -14.1240, 50.2968



68.7620, -22.0677, 78.2617



88.3030, -26.2784, 28.6753



56.7940, -0.8844, 3.6887



41.4840, -20.4516, 73.2435



84.1530, -41.4874, 147.2018

Inverse Universe

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



92.3510, 14.1240, -50.2968



113.2380, 22.0677, -78.2617



67.6970, 26.2784, -28.6753



59.2060, 0.8844, -3.6887



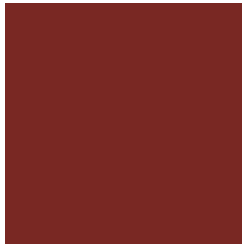
83.5160, 20.4516, -73.2435



168.4340, 41.1980, -147.7166

Previews

White Background



This preview shows how the YUV color 63.6490, -14.1240, 50.2968 looks on a white background.

Color Contrast Check

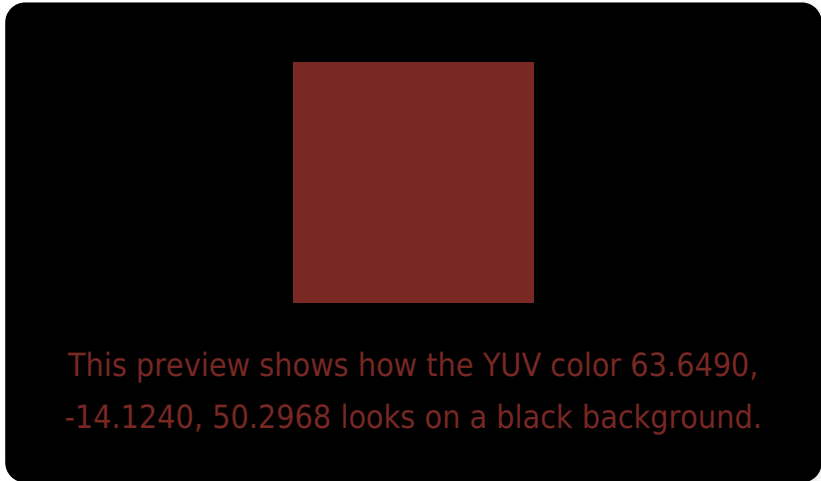
Large Text (above 18pt) WCAG AA ✓ Pass

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

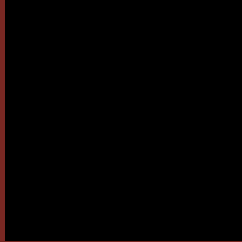
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.6490, -14.1240, 50.2968

Background



This preview shows how black text looks on a background with the YUV color 63.6490, -14.1240, 50.2968.

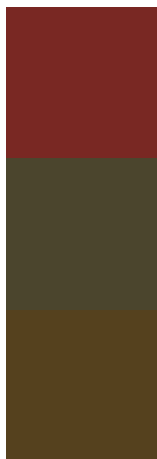


This preview shows how white text looks on a background with the YUV color 63.6490, -14.1240,

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

63.6490, -14.1240, 50.2968

Protanopia

68.0580, -11.3676, 6.0881

Deuteranopia

66.9900, -18.2361, 15.7948



Tritanopia

63.7460, -11.2138, 50.2118

Trichromacy



Original Color

63.6490, -14.1240, 50.2968

Protanomaly

66.2280, -12.4374, 22.6020

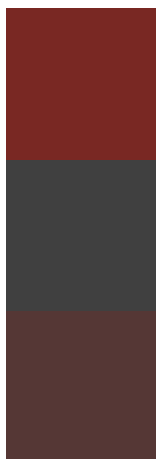
Deuteranomaly

65.8220, -16.6742, 28.2201

Tritanomaly

63.5180, -12.0874, 50.4117

Monochromacy



Original Color

63.6490, -14.1240, 50.2968

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7420, -5.2958, 18.6433

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6490, -14.1240, 50.2968 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(121, 40, 35)` looks like.

```
.text, #text, p{  
    color:rgb(121, 40, 35)  
}
```

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(121, 40, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 40, 35) }
```

Border

The CSS property to change the border of an element to YUV 63.6490, -14.1240, 50.2968 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(121, 40, 35) }
```


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

```
.border{ border-color:rgb(121, 40, 35) }
```

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

Here you see how a box with a 4 pixel rgb(121, 40, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 40, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 40, 35);  
box-shadow:4px 4px 4px 4px rgb(121, 40,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 63.6490, -14.1240, 50.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 40, 35) }
```

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

```
.background{ background-color: rgb(121, 40,  
35) }
```

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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