

Converting Colors

YUV(50.9440, -14.7624,
68.4551)

Have a look what the booklet for
YUV(50.9440, -14.7624, 68.4551)
contains.

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Color

**YUV(50.9440, -14.7624,
68.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	811115
RGB	129, 17, 21
RGB Percent	51%, 7%, 8%
CMY	0.4941, 0.9333, 0.9176
CMYK	0.00, 0.87, 0.84, 0.49
HSL	358°, 77%, 29%
HSV	358°, 87%, 51%
XYZ	9.3891, 5.1222, 1.2033
YIQ	50.9440, 65.4680, 24.9880

Conversions

Conversions Part 2

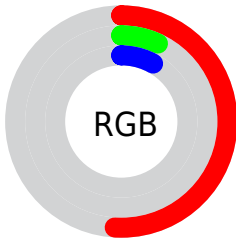
Format	Color
R_{YB}	129, 17, 21
Decimal	8458517
CIE _{Lab}	27.08, 45.44, 29.73
CIE _{LCh}	27, 54.304, 33.191
Yxy	5.1222, 0.5975, 0.3260
Android (android.graphics.Color)	4286648597 (0xFF811115)
YUV	50.9440, -14.7624, 68.4551
Hunter-Lab	22.6322, 34.4451, 12.6903

Details

The YUV color **50.9440, -14.7624, 68.4551** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **95.0560, 14.7624, -68.4551**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.2450, -21.3198, 71.6991**, and **21.2290, -10.4659, 43.6492** is the 20% darker color. If you saturate the color by 10%, you get **41.9450, -16.2419, 76.3472**, and if you desaturate by 10%, it is **59.9430, -13.2829, 60.5630**.

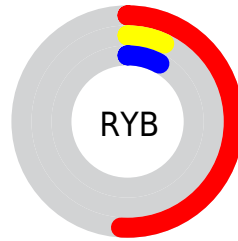
Distribution



Red (51%)

Green (7%)

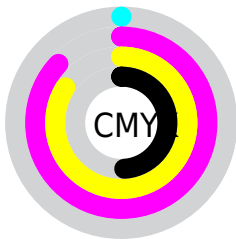
Blue (8%)



Red (51%)

Yellow (7%)

Blue (8%)

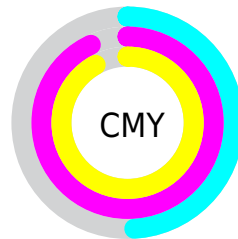


Cyan (0%)

Magenta (87%)

Yellow (84%)

Black (49%)



Cyan (49%)


Magenta (93%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the YUV color 50.9440, -14.7624, 68.4551 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 50.9440, -14.7624, 68.4551 by changing the saturation by 10% instead.


 50.9440, -14.7624,
68.4551


 50.9440, -14.7624,
68.4551


 254.2020, -3.0576,
0.6998


 29.9000, -14.7407,
61.4777

 107.2450,
-21.3198, 71.6991


 21.2290, -10.4659,
43.6492


 134.8000,
-23.0724, 73.8434

 13.5690, -6.1965,
27.5650

 162.0670,
-24.6830, 77.1172

 0.0000, 0.0000,
0.0000

 182.3750,
-21.8769, 63.6921

 201.7750,
-18.6231, 46.6783

 221.9900,

-14.7851, 28.9498

■ 242.0910,
-11.3839, 11.3212

■ 50.9440, -14.7624,
68.4551

■ 50.9440, -14.7624,
68.4551

■ 41.9450, -16.2419,
76.3472

■ 59.9430, -13.2829,
60.5630

■ 39.1410, -16.8315,
78.8063

■ 69.0560, -11.3666,
52.5709

■ 78.0550, -9.8871,
44.6788

■ 87.1680, -7.9708,
36.6867

■ 96.1670, -6.4913,
28.7945

■ 104.6930, -4.2856,
21.3172

■ 113.6920, -2.8062,
13.4251

■ 122.8050, -0.8899,
5.4330

■ 131.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



47.1340, 7.3289, 76.1815



50.9440, -14.7624, 68.4551



59.2940, -29.2319, 42.7152

Triad

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



50.9440, -14.7624, 68.4551



48.9950, -12.8155, -42.9686



56.7880, 44.9675, -49.8031

Complementary

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



50.9440, -14.7624, 68.4551



95.0560, 14.7624, -68.4551

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.



61.6320, 38.1424, -54.0513



50.9440, -14.7624, 68.4551



55.1850, 5.8248, -48.3972

Square

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



50.9440, -14.7624, 68.4551



53.0060, -26.1320, -18.4223



59.9730, 24.1703, -52.5963



63.8760, 35.0641, 0.1087

Rectangle

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



50.9440, -14.7624, 68.4551



60.6460, -29.8985, 23.1125



59.9730, 24.1703, -52.5963



59.1360, 43.8100, -51.8623

Sweetspot

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



50.9440, -14.7624, 68.4551



137.9710, -5.9017, 26.3354



61.4620, 33.2962, 53.9688



65.8880, -3.3958, 15.8842



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



50.9440, -14.7624, 68.4551



50.9160, -22.1436, 102.6827



79.8380, -30.9791, 43.1151



59.2070, -0.5951, 4.2035



38.8420, -16.6841, 78.1916



0.0000, 0.0000, 0.0000

Inverse Universe

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



50.9440, -14.7624, 68.4551



50.9160, -22.1436, 102.6827



66.1620, 30.9791, -43.1151



59.2070, -0.5951, 4.2035



38.8420, -16.6841, 78.1916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 50.9440, -14.7624, 68.4551 looks on a white background.

Color Contrast Check

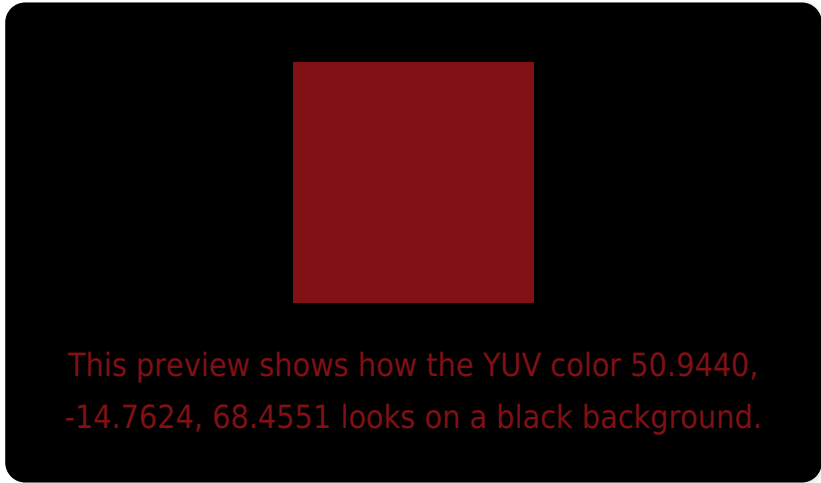
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.9440, -14.7624, 68.4551 Background



This preview shows how black text looks on a background with the YUV color 50.9440, -14.7624, 68.4551.



This preview shows how white text looks on a background with the YUV color 50.9440, -14.7624,

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

50.9440, -14.7624, 68.4551

Protanopia

64.3310, -15.4462, 7.6027

Deuteranopia

62.7810, -27.9930, 18.6091



Tritanopia

50.9610, -17.2358, 68.4402

Trichromacy



Original Color

50.9440, -14.7624, 68.4551

Protanomaly

59.2890, -14.9325, 29.5645

Deuteranomaly

58.1560, -23.2479, 36.6972

Tritanomaly

51.1890, -16.3622, 68.2402

Monochromacy



Original Color

50.9440, -14.7624, 68.4551

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0740, -5.4595, 24.4911

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.9440, -14.7624, 68.4551 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(129, 17, 21)` looks like.

```
.text, #text, p{  
  color:rgb(129, 17, 21)  
}
```

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(129, 17, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 17, 21) }
```

Border

The CSS property to change the border of an element to YUV 50.9440, -14.7624, 68.4551 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(129, 17, 21) }
```


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

```
.border{ border-color:rgb(129, 17, 21) }
```

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

Here you see how a box with a 4 pixel rgb(129, 17, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 17, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 17, 21);  
box-shadow:4px 4px 4px 4px rgb(129, 17,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 50.9440, -14.7624, 68.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 17, 21) }
```

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

```
.background{ background-color: rgb(129, 17,  
21) }
```

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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