

Converting Colors

YUV(89.9440, -14.7624,
68.4551)

Have a look what the booklet for
YUV(89.9440, -14.7624, 68.4551)
contains.

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Color

**YUV(89.9440, -14.7624,
68.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	A8383C
RGB	168, 56, 60
RGB Percent	66%, 22%, 24%
CMY	0.3412, 0.7804, 0.7647
CMYK	0.00, 0.67, 0.64, 0.34
HSL	358°, 50%, 44%
HSV	358°, 67%, 66%
XYZ	18.3782, 11.4794, 5.5221
YIQ	89.9440, 65.4680, 24.9880

Conversions

Conversions Part 2

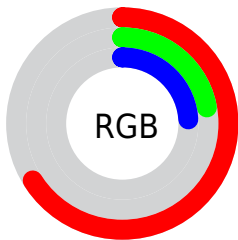
Format	Color
R_{YB}	168, 56, 60
Decimal	11024444
CIE _{Lab}	40.38, 46.13, 23.17
CIE _{LCh}	40, 51.619, 26.671
Yxy	11.4794, 0.5195, 0.3245
Android (android.graphics.Color)	4289214524 (0xFFA8383C)
YUV	89.9440, -14.7624, 68.4551
Hunter-Lab	33.8813, 37.5315, 14.0536

Details

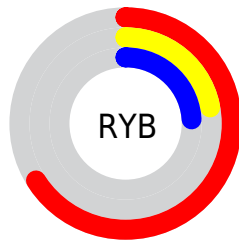
The YUV color **89.9440, -14.7624, 68.4551** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **134.0560, 14.7624, -68.4551**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3530, -18.4150, 73.3584**, and **34.6430, -8.2050, 65.2111** is the 20% darker color. If you saturate the color by 10%, you get **78.1410, -16.8315, 78.8063**, and if you desaturate by 10%, it is **101.7470, -12.6933, 58.1039**.

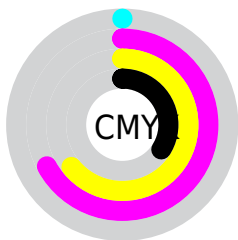
Distribution



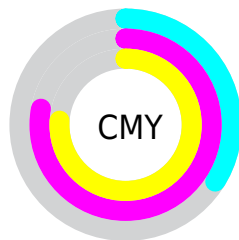
- Red (66%)
- Green (22%)
- Blue (24%)



- Red (66%)
- Yellow (22%)
- Blue (24%)



- Cyan (0%)
- Magenta (67%)
- Yellow (64%)
- Black (34%)



- Cyan (34%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9440, -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 89.9440, -14.7624, 68.4551 by changing the saturation by 10% instead.

■ 89.9440, -14.7624,
68.4551

■ 89.9440, -14.7624,
68.4551

■ 255.0000, 0.0000,
0.0000

■ 61.7420, -11.7048,
67.7553

■ 144.3530,
-18.4150, 73.3584

■ 34.6430, -8.2050,
65.2111

■ 171.2390,
-18.8518, 73.4584

■ 24.2190, -11.9400,
49.7969

■ 190.0520,
-15.3086, 56.9594

■ 16.6730, -7.2338,
33.6128

■ 209.5660,
-11.6180, 39.8456

■ 3.5880, -1.7689,
7.3773

■ 229.6670, -8.2168,
22.2170

■ 0.0000, 0.0000,
0.0000

■ 249.9960, -3.9420,

4.3885

■ 89.9440, -14.7624,
68.4551

■ 89.9440, -14.7624,
68.4551

■ 78.1410, -16.8315,
78.8063

■ 101.7470,
-12.6933, 58.1039

■ 66.3380, -18.9006,
89.1576

■ 113.5500,
-10.6241, 47.7527

■ 55.0080, -21.6959,
99.0940

■ 124.8800, -7.8288,
37.8162

■ 50.9160, -22.1436,
102.6827

■ 136.6830, -5.7597,
27.4650

■ 148.4860, -3.6906,
17.1138

■ 160.2890, -1.6215,
6.7625

■ 172.0920, 0.4476,
-3.5887

■ 183.4220, 3.2430,
-13.5251

■ 195.2250, 5.3121,
-23.8763

Harmonies

Analogous

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



91.4980, 5.1775, 66.2153



89.9440, -14.7624, 68.4551



90.7960, -33.9164, 51.9219

Triad

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



89.9440, -14.7624, 68.4551



70.4010, -12.0297, -61.7417



80.3940, 49.1058, -70.5055

Complementary

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



89.9440, -14.7624, 68.4551



134.0560, 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.



83.9670, 39.9493, -73.6391



89.9440, -14.7624, 68.4551



77.0640, 5.8844, -67.5851

Square

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



89.9440, -14.7624, 68.4551



84.4840, -41.1576, -5.6865



81.9660, 24.6668, -71.8842



95.0920, 37.4226, -9.7277

Rectangle

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



89.9440, -14.7624, 68.4551



89.3520, -44.0505, 35.6483



81.9660, 24.6668, -71.8842



81.9270, 47.3640, -71.8500

Sweetspot

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



89.9440, -14.7624, 68.4551



188.3840, -5.6123, 26.8502



100.4620, 33.2962, 53.9688



91.1870, -3.5432, 16.4990



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



89.9440, -14.7624, 68.4551



97.0090, -23.1754, 106.9861



118.8380, -30.9791, 43.1151



78.3920, -1.1793, 4.9182



44.8220, -19.6322, 90.4871



6.0940, -2.5113, 12.1956

Inverse Universe

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



89.9440, -14.7624, 68.4551



97.0090, -23.1754, 106.9861



105.1620, 30.9791, -43.1151



78.3920, -1.1793, 4.9182



44.8220, -19.6322, 90.4871



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 89.9440, -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 × Fail

Black Background



This preview shows how the YUV color 89.9440, -14.7624, 68.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 89.9440, -14.7624, 68.4551

Background



This preview shows how black text looks on a background with the YUV color 89.9440, -14.7624, 68.4551.

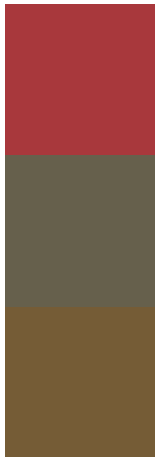


This preview shows how white text looks on a background with the YUV color 89.9440, -14.7624,

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

89.9440, -14.7624, 68.4551

Protanopia

95.5140, -9.6204, 5.6882

Deuteranopia

95.1430, -20.2835, 19.1686



Tritanopia

89.8300, -15.1992, 68.5551

Trichromacy



Original Color

89.9440, -14.7624, 68.4551

Protanomaly

93.2010, -11.4381, 28.7647

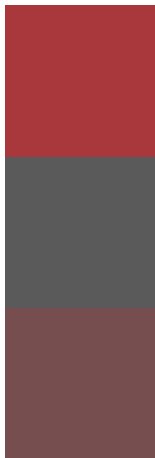
Deuteranomaly

93.4210, -18.4486, 37.3418

Tritanomaly

89.8300, -15.1992, 68.5551

Monochromacy



Original Color

89.9440, -14.7624, 68.4551

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0740, -5.4595, 24.4911

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9440, -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(168, 56, 60)` looks like.

```
.text, #text, p{  
    color:rgb(168, 56, 60)  
}
```

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(168, 56, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 56, 60) }
```

Border

The CSS property to change the border of an element to YUV 89.9440, -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(168, 56, 60) }
```


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

```
.border{ border-color:rgb(168, 56, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 56, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 56, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 56, 60);  
box-shadow:4px 4px 4px 4px rgb(168, 56,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 89.9440, -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(168, 56, 60) }
```

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

```
.background{ background-color: rgb(168, 56,  
60) }
```

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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