

Converting Colors

YUV(96.8930, -14.2442,
42.1898)

Have a look what the booklet for
YUV(96.8930, -14.2442, 42.1898)
contains.

YUV(96.8930, -14.2442, 42.1898)	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(96.8930, -14.2442,
42.1898)**

Conversions

Conversions Part 1

Format	Color
Hex	914E44
RGB	145, 78, 68
RGB Percent	57%, 31%, 27%
CMY	0.4314, 0.6941, 0.7333
CMYK	0.00, 0.46, 0.53, 0.43
HSL	8°, 36%, 42%
HSV	8°, 53%, 57%
XYZ	15.4448, 11.8859, 6.9490
YIQ	96.8930, 43.1420, 11.0940

Conversions

Conversions Part 2

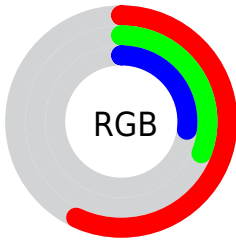
Format	Color
R_{YB}	145, 79, 68
Decimal	9522756
CIE _{Lab}	41.03, 27.01, 18.41
CIE _{LCh}	41, 32.687, 34.278
Yxy	11.8859, 0.4506, 0.3467
Android (android.graphics.Color)	4287712836 (0xFF914E44)
YUV	96.8930, -14.2442, 42.1898
Hunter-Lab	34.4759, 19.6333, 12.1825

Details

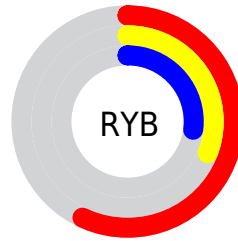
The YUV color **96.8930, -14.2442, 42.1898** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116.1070, 14.2442, -42.1898**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7580, -16.1497, 46.6932**, and **48.2560, -11.4652, 37.4865** is the 20% darker color. If you saturate the color by 10%, you get **87.6660, -16.5973, 50.2819**, and if you desaturate by 10%, it is **106.2340, -11.4544, 33.9978**.

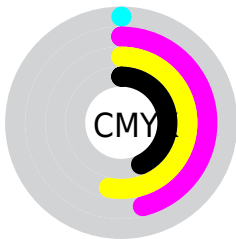
Distribution



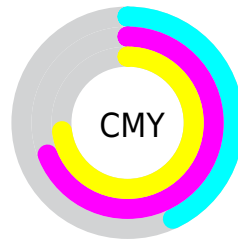
- Red (57%)
- Green (31%)
- Blue (27%)



- Red (57%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (53%)
- Black (43%)





- Cyan (43%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.8930, -14.2442, 42.1898 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 96.8930, -14.2442, 42.1898 by changing the saturation by 10% instead.


 96.8930, -14.2442,
42.1898


 96.8930, -14.2442,
42.1898


255.0000, 0.0000,
0.0000


 72.2240, -12.9284,
40.1456


 148.7580,
-16.1497, 46.6932


 48.2560, -11.4652,
37.4865

 176.2420,
-16.8813, 48.0228


 23.5440, -11.6072,
36.3569

 202.2310,
-16.8759, 46.2784

 12.6720, -5.7543,
25.7207

 221.7450,
-13.1853, 29.1646

 0.0000, 0.0000,
0.0000

 241.3730, -9.0579,
11.9509

254.6580, -1.3104,

0.2999

■ 96.8930, -14.2442,
42.1898

■ 96.8930, -14.2442,
42.1898

■ 87.6660, -16.5973,
50.2819

■ 106.2340,
-11.4544, 33.9978

■ 78.9120, -19.6766,
57.9592

■ 114.8740, -8.8119,
26.4205

■ 69.6850, -22.0297,
66.0513

■ 124.2150, -6.0220,
18.2284

■ 60.9310, -25.1090,
73.7285

■ 132.8550, -3.3795,
10.6512

■ 54.5080, -26.8724,
79.3615

■ 142.1960, -0.5896,
2.4591

■ 151.4230, 1.7635,
-5.6330

■ 160.1770, 4.8427,
-13.3102

■ 169.4040, 7.1958,
-21.4023

■ 178.6310, 9.5489,
-29.4944

Harmonies

Analogous

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



97.8080, -1.8773, 42.2644



96.8930, -14.2442, 42.1898



95.8240, -23.0842, 30.8494

Triad

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



96.8930, -14.2442, 42.1898



85.7600, -6.2907, -35.7465



91.9680, 28.6098, -29.7899

Complementary

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



96.8930, -14.2442, 42.1898



116.1070, 14.2442, -42.1898

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.



78.7520, 32.6603, -69.0655



96.8930, -14.2442, 42.1898



75.9700, 11.8468, -66.6257

Square

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



96.8930, -14.2442, 42.1898



91.0810, -19.7599, -8.8410



78.9340, 23.2035, -69.2251



98.8260, 20.7918, 4.5376

Rectangle

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



96.8930, -14.2442, 42.1898



94.9490, -26.1039, 19.3387



78.9340, 23.2035, -69.2251



86.8520, 31.1320, -45.4742

Sweetspot

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



96.8930, -14.2442, 42.1898



169.7310, -5.2904, 16.8989



98.7750, 18.3519, 40.5393



83.1430, -3.5215, 9.5216



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



96.8930, -14.2442, 42.1898



113.5710, -22.4665, 66.1512



118.6120, -24.9517, 23.1423



66.6800, -1.3212, 3.7886



50.9310, -25.1090, 73.7285



2.9790, -1.4686, 4.4034

Inverse Universe

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



116.1070, 14.2442, -42.1898



143.4290, 22.4665, -66.1512



94.3880, 24.9517, -23.1423



68.3200, 1.3212, -3.7886



84.6560, 24.8196, -74.2433



5.0210, 1.4686, -4.4034

Previews

White Background



This preview shows how the YUV color 96.8930, -14.2442, 42.1898 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 96.8930, -14.2442, 42.1898 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 96.8930, -14.2442, 42.1898

Background



This preview shows how black text looks on a background with the YUV color 96.8930, -14.2442, 42.1898.

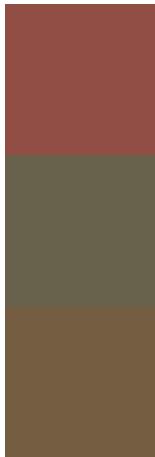


This preview shows how white text looks on a background with the YUV color 96.8930, -14.2442,

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

96.8930, -14.2442, 42.1898

Protanopia

96.6990, -10.2046, 6.4030

Deuteranopia

96.9840, -15.7681, 17.5540



Tritanopia

97.6140, -7.6977, 42.4345

Trichromacy



Original Color

96.8930, -14.2442, 42.1898

Protanomaly

96.7330, -11.7004, 19.5282

Deuteranomaly

97.1530, -15.3584, 26.1758

Tritanomaly

97.6310, -10.1711, 42.4196

Monochromacy



Original Color

96.8930, -14.2442, 42.1898

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7200, -5.2850, 15.1546

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8930, -14.2442, 42.1898 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(145, 78, 68)` looks like.

```
.text, #text, p{  
    color:rgb(145, 78, 68)  
}
```

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(145, 78, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 78, 68) }
```

Border

The CSS property to change the border of an element to YUV 96.8930, -14.2442, 42.1898 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(145, 78, 68) }
```


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

```
.border{ border-color:rgb(145, 78, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 78, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 78, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 78, 68);  
box-shadow:4px 4px 4px 4px rgb(145, 78,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 96.8930, -14.2442, 42.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 78, 68) }
```

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

```
.background{ background-color: rgb(145, 78,  
68) }
```

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