

Converting Colors

YUV(96.8550, -36.9035,
29.9452)

Have a look what the booklet for
YUV(96.8550, -36.9035, 29.9452)
contains.

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Color

**YUV(96.8550, -36.9035,
29.9452)**

Conversions

Conversions Part 1

Format	Color
Hex	835E16
RGB	131, 94, 22
RGB Percent	51%, 37%, 9%
CMY	0.4863, 0.6314, 0.9137
CMYK	0.00, 0.28, 0.83, 0.49
HSL	40°, 71%, 30%
HSV	40°, 83%, 51%
XYZ	13.5076, 12.8886, 2.5349
YIQ	96.8550, 45.1640, -14.5480

Conversions

Conversions Part 2

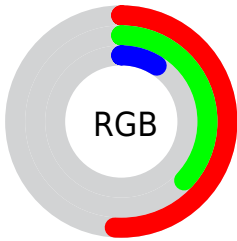
Format	Color
RYB	78, 131, 22
Decimal	8609302
CIELab	42.59, 8.36, 43.92
CIELCh	43, 44.707, 79.221
Yxy	12.8886, 0.4669, 0.4455
Android (android.graphics.Color)	4286799382 (0xFF835E16)
YUV	96.8550, -36.9035, 29.9452
Hunter-Lab	35.9007, 4.3340, 20.9442

Details

The YUV color **96.8550, -36.9035, 29.9452** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **56.1450, 36.9035, -29.9452**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9480, -37.9354, 34.2486**, and **51.1990, -25.2411, 22.6275** is the 20% darker color. If you saturate the color by 10%, you get **93.0250, -41.4243, 33.3041**, and if you desaturate by 10%, it is **100.6850, -32.3827, 26.5863**.

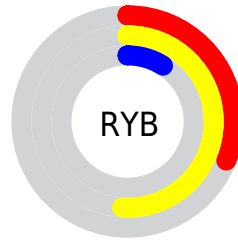
Distribution



Red (51%)

Green (37%)

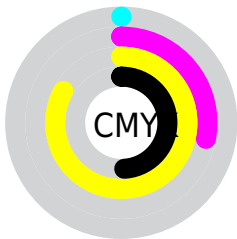
Blue (9%)



Red (31%)

Yellow (51%)

Blue (9%)

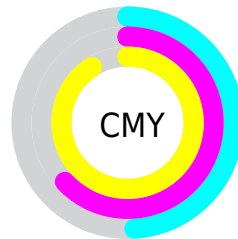


Cyan (0%)

Magenta (28%)

Yellow (83%)

Black (49%)



Cyan (49%)

Magenta (63%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8550, -36.9035, 29.9452 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 96.8550, -36.9035, 29.9452 by changing the saturation by 10% instead.

96.8550, -36.9035,
29.9452

96.8550, -36.9035,
29.9452

255.0000, 0.0000,
0.0000

72.1860, -35.5877,
27.9009

148.9480,
-37.9354, 34.2486

51.1990, -25.2411,
22.6275

176.3180,
-39.1038, 35.6781

31.6850, -15.6207,
16.9393

203.8020,
-39.8354, 37.0076

9.8340, -4.8482,
15.0546

225.8930,
-37.9082, 25.5268

0.0000, 0.0000,
0.0000

245.4070,
-34.2177, 8.4131

249.1860,

-22.2767, 5.0989

252.4920, -9.6096,
2.1995

96.8550, -36.9035,
29.9452

96.8550, -36.9035,
29.9452

93.0250, -41.4243,
33.3041

100.6850,
-32.3827, 26.5863

90.2380, -44.4873,
35.7483

105.1020,
-28.1513, 22.7125

108.9320,
-23.6305, 19.3536

113.3490,
-19.3991, 15.4799

117.2930,
-14.4414, 12.0210

■ 121.7100,
-10.2100, 8.1473

■ 125.5400, -5.6892,
4.7884

■ 129.9570, -1.4578,
0.9147

■ 133.7870, 3.0630,
-2.4442

Harmonies

Analogous

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



98.2610, -25.7647, 50.6371



96.8550, -36.9035, 29.9452



93.8470, -34.9276, 2.7652

Triad

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



96.8550, -36.9035, 29.9452



83.4020, 20.0148, -73.1436



103.4140, 22.4739, 25.0699

Complementary

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



96.8550, -36.9035, 29.9452



56.1450, 36.9035, -29.9452

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.



98.4560, 35.2712, -19.6939



96.8550, -36.9035, 29.9452



85.8760, 34.5711, -75.3133

Square

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



96.8550, -36.9035, 29.9452



78.4830, 3.7059, -68.8296



83.7050, 44.0224, -73.4093



101.2790, 7.2575, 52.3753

Rectangle

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



96.8550, -36.9035, 29.9452



90.2340, -25.2584, -18.6222



83.7050, 44.0224, -73.4093



103.4770, 26.8798, 11.8597

Sweetspot

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



96.8550, -36.9035, 29.9452



157.2930, -14.4414, 12.0210



58.9230, 0.5310, 63.2115



78.7530, -8.7522, 7.2326



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



96.8550, -36.9035, 29.9452



117.4600, -57.9078, 46.9546



113.7900, -45.2525, 1.0612



64.1420, -2.0420, 1.6295



89.3520, -44.0505, 35.6483



2.0710, -1.0210, 0.8147

Inverse Universe

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



56.1450, 36.9035, -29.9452



53.5400, 57.9078, -46.9546



39.2100, 45.2525, -1.0612



61.8580, 2.0420, -1.6295



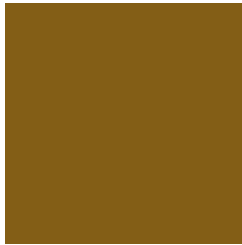
40.6480, 44.0505, -35.6483



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 96.8550, -36.9035, 29.9452 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 96.8550, -36.9035, 29.9452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

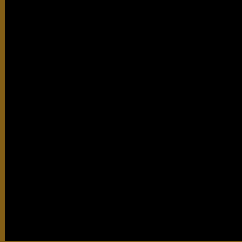
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8550, -36.9035, 29.9452

Background



This preview shows how black text looks on a background with the YUV color 96.8550, -36.9035, 29.9452.



This preview shows how white text looks on a background with the YUV color 96.8550, -36.9035,

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

96.8550, -36.9035, 29.9452

Protanopia

95.8100, -35.4023, 15.0756

Deuteranopia

96.7190, -37.3295, 26.5564



Tritanopia

102.7370, -4.3073, 28.2947

Trichromacy



Original Color

96.8550, -36.9035, 29.9452

Protanomaly

96.0280, -36.0028, 21.0234

Deuteranomaly

96.4310, -37.1875, 27.6860

Tritanomaly

100.6480, -16.0955, 29.2497

Monochromacy



Original Color

96.8550, -36.9035, 29.9452

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9230, -13.2730, 10.5915

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8550, -36.9035, 29.9452 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(131, 94, 22)` looks like.

```
.text, #text, p{  
    color:rgb(131, 94, 22)  
}
```

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(131, 94, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 94, 22) }
```

Border

The CSS property to change the border of an element to YUV 96.8550, -36.9035, 29.9452 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(131, 94, 22) }
```


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

```
.border{ border-color:rgb(131, 94, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 94, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 94, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 94, 22);  
box-shadow:4px 4px 4px 4px rgb(131, 94,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 96.8550, -36.9035, 29.9452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 94, 22) }
```

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

```
.background{ background-color: rgb(131, 94,  
22) }
```

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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