

Converting Colors

YUV(96.1870, -16.8542,
39.3010)

Have a look what the booklet for
YUV(96.1870, -16.8542, 39.3010)
contains.

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Color

**YUV(96.1870, -16.8542,
39.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	8D503E
RGB	141, 80, 62
RGB Percent	55%, 31%, 24%
CMY	0.4471, 0.6863, 0.7569
CMYK	0.00, 0.43, 0.56, 0.45
HSL	14°, 39%, 40%
HSV	14°, 56%, 55%
XYZ	14.7227, 11.7478, 6.0490
YIQ	96.1870, 42.1340, 7.3340

Conversions

Conversions Part 2

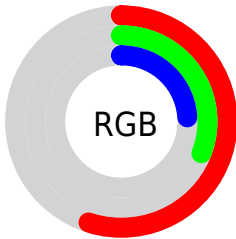
Format	Color
R_{YB}	141, 85, 62
Decimal	9261118
CIE _{Lab}	40.81, 23.64, 21.64
CIE _{LCh}	41, 32.051, 42.464
Yxy	11.7478, 0.4527, 0.3613
Android (android.graphics.Color)	4287451198 (0xFF8D503E)
YUV	96.1870, -16.8542, 39.3010
Hunter-Lab	34.2751, 16.6921, 13.5288

Details

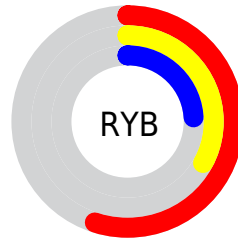
The YUV color **96.1870, -16.8542, 39.3010** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106.8130, 16.8542, -39.3010**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7530, -18.6122, 43.1896**, and **48.1370, -14.3645, 34.0829** is the 20% darker color. If you saturate the color by 10%, you get **88.1340, -19.7861, 46.3635**, and if you desaturate by 10%, it is **104.2400, -13.9223, 32.2385**.

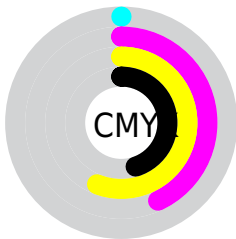
Distribution



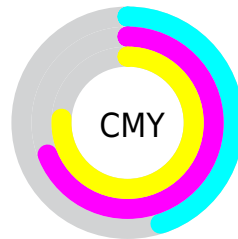
- Red (55%)
- Green (31%)
- Blue (24%)



- Red (55%)
- Yellow (33%)
- Blue (24%)



- Cyan (0%)
- Magenta (43%)
- Yellow (56%)
- Black (45%)



- Cyan (45%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.1870, -16.8542, 39.3010 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 96.1870, -16.8542, 39.3010 by changing the saturation by 10% instead.

■ 96.1870, -16.8542,
39.3010

■ 96.1870, -16.8542,
39.3010

255.0000, 0.0000,
0.0000

■ 71.5180, -15.5384,
37.2567

■ 147.7530,
-18.6122, 43.1896

■ 48.1370, -14.3645,
34.0829

■ 174.8350,
-19.6387, 45.7487

■ 24.9950, -12.3225,
32.4534

■ 202.0200,
-20.2229, 46.4635

■ 11.7750, -5.3121,
23.8763

■ 221.6480,
-16.0955, 29.2497

■ 0.0000, 0.0000,
0.0000

■ 241.7490,
-12.6943, 11.6211

■ 253.8600, -4.3680,

0.9998

■ 96.1870, -16.8542,
39.3010

■ 96.1870, -16.8542,
39.3010

■ 88.1340, -19.7861,
46.3635

■ 104.2400,
-13.9223, 32.2385

■ 80.0810, -22.7179,
53.4260

■ 112.2930,
-10.9904, 25.1760

■ 72.0280, -25.6498,
60.4884

■ 120.3460, -8.0586,
18.1136

■ 63.9750, -28.5817,
67.5509

■ 128.3990, -5.1267,
11.0511

■ 60.9430, -30.0449,
70.2100

■ 135.9790, -1.4686,
4.4034

■ 144.0320, 1.4632,
-2.6591

■ 152.0850, 4.3951,
-9.7215

■ 160.1380, 7.3270,
-16.7840

■ 168.1910, 10.2588,
-23.8465

Harmonies

Analogous

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



97.4830, -5.6611, 42.5494



96.1870, -16.8542, 39.3010



94.8620, -24.0890, 26.4310

Triad

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



96.1870, -16.8542, 39.3010



82.9700, -1.4642, -43.8237



94.3500, 25.9565, -18.7239

Complementary

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



96.1870, -16.8542, 39.3010



106.8130, 16.8542, -39.3010

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.



77.1050, 33.9652, -67.6211



96.1870, -16.8542, 39.3010



76.7680, 14.9044, -67.3255

Square

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



96.1870, -16.8542, 39.3010



89.8460, -16.6861, -14.7739



78.3300, 25.9663, -68.6954



99.0720, 17.7125, 12.2149

Rectangle

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



96.1870, -16.8542, 39.3010



93.4430, -25.3614, 14.5205



78.3300, 25.9663, -68.6954



90.8430, 28.1784, -31.4343

Sweetspot

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



96.1870, -16.8542, 39.3010



165.6770, -6.7428, 16.0693



92.6890, 15.4363, 42.3687



81.6160, -4.2477, 9.1068



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



96.1870, -16.8542, 39.3010



114.2130, -26.2340, 61.2032



119.0800, -28.1404, 19.2238



67.2670, -1.6106, 3.2738



58.5620, -28.8711, 67.0361



3.5660, -1.7580, 3.8886

Inverse Universe

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



106.8130, 16.8542, -39.3010



130.7870, 26.2340, -61.2032



83.9200, 28.1404, -19.2238



68.3200, 1.3212, -3.7886



76.4380, 28.8711, -67.0361



4.4340, 1.7580, -3.8886

Previews

White Background



This preview shows how the YUV color 96.1870, -16.8542, 39.3010 looks on a white background.

Color Contrast Check

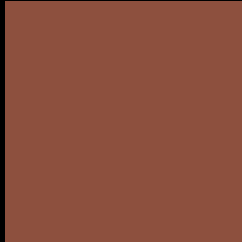
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.1870, -16.8542, 39.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

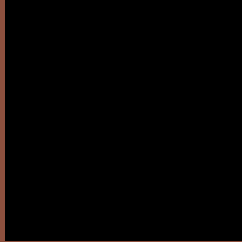
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.1870, -16.8542, 39.3010

Background



This preview shows how black text looks on a background with the YUV color 96.1870, -16.8542, 39.3010.



This preview shows how white text looks on a background with the YUV color 96.1870, -16.8542,

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

96.1870, -16.8542, 39.3010

Protanopia

95.9010, -13.2622, 7.1028

Deuteranopia

95.8270, -17.6627, 18.5687



Tritanopia

97.1190, -6.9607, 39.3606

Trichromacy



Original Color

96.1870, -16.8542, 39.3010

Protanomaly

95.9240, -14.7525, 18.4837

Deuteranomaly

96.2840, -17.3950, 26.0609

Tritanomaly

96.7940, -10.7444, 39.6457

Monochromacy



Original Color

96.1870, -16.8542, 39.3010

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8940, -5.8637, 14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.1870, -16.8542, 39.3010 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(141, 80, 62)` looks like.

```
.text, #text, p{  
    color:rgb(141, 80, 62)  
}
```

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(141, 80, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 80, 62) }
```

Border

The CSS property to change the border of an element to YUV 96.1870, -16.8542, 39.3010 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(141, 80, 62) }
```


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

```
.border{ border-color:rgb(141, 80, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 80, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 80, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 80, 62);  
box-shadow:4px 4px 4px 4px rgb(141, 80,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 96.1870, -16.8542, 39.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 80, 62) }
```

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

```
.background{ background-color: rgb(141, 80,  
62) }
```

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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