

Converting Colors

YUV(91.3460, -21.3696,
40.9156)

Have a look what the booklet for
YUV(91.3460, -21.3696, 40.9156)
contains.

YUV(91.3460, -21.3696, 40.9156)	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(91.3460, -21.3696,
40.9156)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4C30
RGB	138, 76, 48
RGB Percent	54%, 30%, 19%
CMY	0.4588, 0.7020, 0.8118
CMYK	0.00, 0.45, 0.65, 0.46
HSL	19°, 48%, 36%
HSV	19°, 65%, 54%
XYZ	13.5992, 10.7856, 4.1614
YIQ	91.3460, 45.9400, 4.4360

Conversions

Conversions Part 2

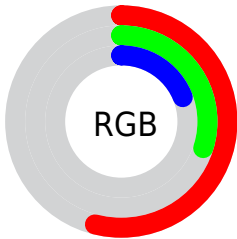
Format	Color
R_{YB}	138, 89, 48
Decimal	9063472
CIE _{Lab}	39.22, 23.51, 27.83
CIE _{LCh}	39, 36.434, 49.813
Yxy	10.7856, 0.4764, 0.3778
Android (android.graphics.Color)	4287253552 (0xFF8A4C30)
YUV	91.3460, -21.3696, 40.9156
Hunter-Lab	32.8414, 16.4421, 15.4762

Details

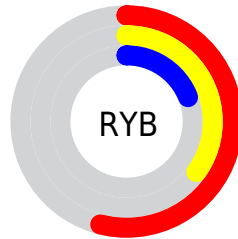
The YUV color **91.3460, -21.3696, 40.9156** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.6540, 21.3696, -40.9156**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0970, -23.7118, 45.5189**, and **42.9540, -20.1903, 35.9973** is the 20% darker color. If you saturate the color by 10%, you get **83.8800, -24.5908, 47.4632**, and if you desaturate by 10%, it is **98.8120, -18.1483, 34.3679**.

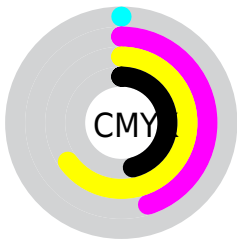
Distribution



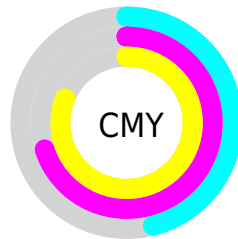
- Red (54%)
- Green (30%)
- Blue (19%)



- Red (54%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (45%)
- Yellow (65%)
- Black (46%)



- Cyan (46%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.3460, -21.3696, 40.9156 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 91.3460, -21.3696, 40.9156 by changing the saturation by 10% instead.

91.3460, -21.3696,
40.9156

91.3460, -21.3696,
40.9156

255.0000, 0.0000,
0.0000

66.9650, -20.1957,
37.7417

143.0970,
-23.7118, 45.5189

42.9540, -20.1903,
35.9973

169.8800,
-24.5908, 47.4632

21.1520, -10.4279,
31.4387

197.6630,
-25.4699, 49.4075

10.2800, -4.5750,
20.8024

216.7750,
-22.0741, 33.5233

0.0000, 0.0000,
0.0000

236.9900,
-18.2361, 15.7948

251.9220,

-11.7935, 2.6994

■ 91.3460, -21.3696,
40.9156

■ 91.3460, -21.3696,
40.9156

■ 83.8800, -24.5908,
47.4632

■ 98.8120, -18.1483,
34.3679

■ 77.0010, -28.1015,
53.4961

■ 105.6910,
-14.6377, 28.3350

■ 69.6490, -30.8860,
59.9438

■ 113.0430,
-11.8532, 21.8873

■ 66.5030, -32.7860,
62.7029

■ 119.9220, -8.3425,
15.8544

■ 127.3880, -5.1213,
9.3067

■ 134.2670, -1.6106,
3.2738

■ 141.7330, 1.6106,
-3.2738

■ 148.4980, 4.6845,
-9.2067

■ 155.9640, 7.9057,
-15.7544

Harmonies

Analogous

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



91.7180, -8.7350, 48.4823



91.3460, -21.3696, 40.9156



89.9990, -28.5935, 24.5569

Triad

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



91.3460, -21.3696, 40.9156



71.4560, 4.7052, -62.6669



92.1380, 27.5400, -13.2760

Complementary

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



91.3460, -21.3696, 40.9156



94.6540, 21.3696, -40.9156

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.



75.2130, 36.8700, -65.9618



91.3460, -21.3696, 40.9156



75.5770, 17.9565, -66.2810

Square

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



91.3460, -21.3696, 40.9156



82.8340, -15.2012, -24.4104



77.2530, 29.4553, -67.7509



95.7140, 17.3960, 20.4218

Rectangle

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



91.3460, -21.3696, 40.9156



88.4980, -28.8395, 10.0873



77.2530, 29.4553, -67.7509



87.9620, 31.0777, -28.0307

Sweetspot

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



91.3460, -21.3696, 40.9156



160.2210, -8.4900, 16.4692



82.0920, 14.2516, 49.0313



77.8010, -4.8319, 9.8215



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



91.3460, -21.3696, 40.9156



106.6880, -33.3702, 63.4176



117.1740, -34.1028, 18.2644



65.2670, -1.6106, 3.2738



63.8340, -31.4702, 60.6586



2.6690, -1.3158, 2.0443

Inverse Universe

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



94.6540, 21.3696, -40.9156



111.3120, 33.3702, -63.4176



68.8260, 34.1028, -18.2644



65.7330, 1.6106, -3.2738



68.5790, 31.7596, -60.1438



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 91.3460, -21.3696, 40.9156 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 91.3460, -21.3696, 40.9156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

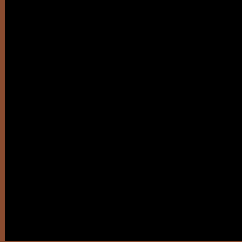
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.3460, -21.3696, 40.9156

Background



This preview shows how black text looks on a background with the YUV color 91.3460, -21.3696, 40.9156.



This preview shows how white text looks on a background with the YUV color 91.3460, -21.3696,

40.9156.

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

91.3460, -21.3696, 40.9156

Protanopia

91.2450, -18.3618, 9.4321

Deuteranopia

91.1710, -22.7623, 20.8980



Tritanopia

93.0160, -7.4029, 41.2050

Trichromacy



Original Color

91.3460, -21.3696, 40.9156

Protanomaly

91.3820, -19.4153, 20.7130

Deuteranomaly

91.3290, -22.3472, 27.7755

Tritanomaly

92.0500, -12.3497, 41.1751

Monochromacy



Original Color

91.3460, -21.3696, 40.9156

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.3240, -8.0477, 14.6249

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.3460, -21.3696, 40.9156 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(138, 76, 48)` looks like.

```
.text, #text, p{  
    color:rgb(138, 76, 48)  
}
```

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(138, 76, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 76, 48) }
```

Border

The CSS property to change the border of an element to YUV 91.3460, -21.3696, 40.9156 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(138, 76, 48) }
```


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

```
.border{ border-color:rgb(138, 76, 48) }
```

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

Here you see how a box with a 4 pixel rgb(138, 76, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 76, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 76, 48);  
box-shadow:4px 4px 4px 4px rgb(138, 76,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 91.3460, -21.3696, 40.9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 76, 48) }
```

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

```
.background{ background-color: rgb(138, 76,  
48) }
```

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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