

Converting Colors

YUV(90.2400, -30.6843,
41.8855)

Have a look what the booklet for
YUV(90.2400, -30.6843, 41.8855)
contains.

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Color

**YUV(90.2400, -30.6843,
41.8855)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4E1C
RGB	138, 78, 28
RGB Percent	54%, 31%, 11%
CMY	0.4588, 0.6941, 0.8902
CMYK	0.00, 0.43, 0.80, 0.46
HSL	27°, 66%, 33%
HSV	27°, 80%, 54%
XYZ	13.4152, 10.9359, 2.5024
YIQ	90.2400, 51.8100, -2.8300

Conversions

Conversions Part 2

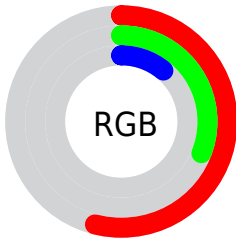
Format	Color
R_{YB}	138, 120, 28
Decimal	9063964
CIE _{Lab}	39.47, 21.22, 38.78
CIE _{LCh}	39, 44.208, 61.307
Yxy	10.9359, 0.4996, 0.4072
Android (android.graphics.Color)	4287254044 (0xFF8A4E1C)
YUV	90.2400, -30.6843, 41.8855
Hunter-Lab	33.0695, 14.5402, 18.6621

Details

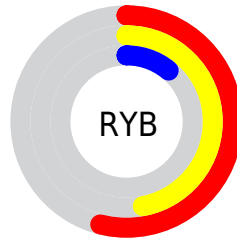
The YUV color **90.2400, -30.6843, 41.8855** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **75.7600, 30.6843, -41.8855**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2900, -33.1740, 47.1037**, and **43.6010, -21.4953, 34.5529** is the 20% darker color. If you saturate the color by 10%, you get **83.9480, -34.4844, 47.4036**, and if you desaturate by 10%, it is **96.5320, -26.8843, 36.3674**.

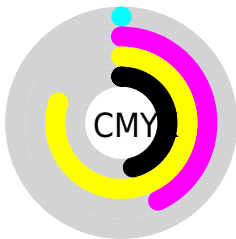
Distribution



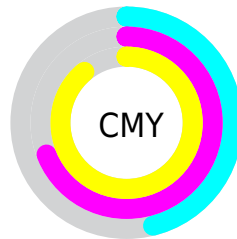
- Red (54%)
- Green (31%)
- Blue (11%)



- Red (54%)
- Yellow (47%)
- Blue (11%)



- Cyan (0%)
- Magenta (43%)
- Yellow (80%)
- Black (46%)



- Cyan (46%)
- Magenta (69%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.2400, -30.6843, 41.8855 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 90.2400, -30.6843, 41.8855 by changing the saturation by 10% instead.

90.2400, -30.6843,
41.8855

90.2400, -30.6843,
41.8855

255.0000, 0.0000,
0.0000

65.5170, -30.8209,
39.0116

142.2900,
-33.1740, 47.1037

43.6010, -21.4953,
34.5529

169.0730,
-34.0530, 49.0480

23.2010, -11.4381,
28.7647

196.8560,
-34.9320, 50.9923

9.9810, -4.4276,
20.1877

215.6690,
-31.3888, 34.4933

0.0000, 0.0000,
0.0000

235.7700,
-27.9876, 16.8647

249.5280,

-20.9663, 4.7989

■ 252.7200, -8.7360,
1.9996

■ 90.2400, -30.6843,
41.8855

■ 90.2400, -30.6843,
41.8855

■ 83.9480, -34.4844,
47.4036

■ 96.5320, -26.8843,
36.3674

■ 78.2430, -38.5738,
52.4069

■ 102.2370,
-22.7948, 31.3642

■ 108.4150,
-19.4316, 25.9460

■ 114.1200,
-15.3422, 20.9428

■ 120.4120,
-11.5421, 15.4247

■ 126.1170, -7.4527,
10.4214

■ 132.4090, -3.6526,
4.9033

■ 138.0000, 0.0000,
0.0000

■ 144.2920, 3.8000,
-5.5181

Harmonies

Analogous

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



90.5250, -16.0348, 56.5446



90.2400, -30.6843, 41.8855



88.0340, -38.4708, 19.2642

Triad

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



90.2400, -30.6843, 41.8855



75.2860, 9.2260, -66.0258



94.7960, 29.6806, 0.1789

Complementary

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



90.2400, -30.6843, 41.8855



75.7600, 30.6843, -41.8855

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.



75.7490, 44.0007, -66.4319



90.2400, -30.6843, 41.8855



79.2760, 24.5139, -69.5251

Square

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



90.2400, -30.6843, 41.8855



71.4000, -7.0992, -56.4788



79.4190, 37.7544, -69.6505



95.1830, 16.1788, 37.5505

Rectangle

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



90.2400, -30.6843, 41.8855



86.0640, -34.0486, 0.8209



79.4190, 37.7544, -69.6505



91.7230, 33.6606, -16.4201

Sweetspot

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



90.2400, -30.6843, 41.8855



160.0100, -11.8369, 16.6542



67.7300, 9.9931, 61.6268



77.8180, -7.3053, 9.8066



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.



90.2400, -30.6843, 41.8855



104.2140, -47.9265, 65.5873



121.9380, -46.3114, 14.0864



65.8540, -1.9000, 2.7590



74.9870, -36.9686, 50.8774



2.6690, -1.3158, 2.0443

Inverse Universe

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



75.7600, 30.6843, -41.8855



81.7860, 47.9265, -65.5873



43.4750, 46.6008, -13.5716



65.1460, 1.9000, -2.7590



57.4260, 37.2580, -50.3626



2.3310, 1.3158, -2.0443

Previews

White Background



This preview shows how the YUV color 90.2400, -30.6843, 41.8855 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 90.2400, -30.6843, 41.8855 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 90.2400, -30.6843, 41.8855

Background



This preview shows how black text looks on a background with the YUV color 90.2400, -30.6843, 41.8855.



This preview shows how white text looks on a background with the YUV color 90.2400, -30.6843,

41.8855.

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

90.2400, -30.6843, 41.8855

Protanopia

90.2210, -28.7030, 12.9612

Deuteranopia

90.2610, -32.6667, 24.3271



Tritanopia

93.6030, -7.6923, 40.6902

Trichromacy



Original Color

90.2400, -30.6843, 41.8855

Protanomaly

90.1730, -29.1723, 23.5273

Deuteranomaly

90.1200, -32.1042, 30.5898

Tritanomaly

92.4260, -15.9860, 40.8454

Monochromacy



Original Color

90.2400, -30.6843, 41.8855

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1130, -11.3947, 14.8099

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2400, -30.6843, 41.8855 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, 78, 28)` looks like.

```
.text, #text, p{  
    color:rgb(138, 78, 28)  
}
```

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, 78, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 78, 28) }
```

Border

The CSS property to change the border of an element to YUV 90.2400, -30.6843, 41.8855 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, 78, 28) }
```


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

```
.border{ border-color:rgb(138, 78, 28) }
```

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

Here you see how a box with a 4 pixel rgb(138, 78, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 78, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 78, 28);  
box-shadow:4px 4px 4px 4px rgb(138, 78,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 90.2400, -30.6843, 41.8855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 78, 28) }
```

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

```
.background{ background-color: rgb(138, 78,  
28) }
```

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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