

# Converting Colors

YUV(90.8690, -44.7984,  
42.2109)

Have a look what the booklet for  
YUV(90.8690, -44.7984, 42.2109)  
contains.

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# Color

**YUV(90.8690, -44.7984,  
42.2109)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B5400
RGB	139, 84, 0
RGB Percent	55%, 33%, 0%
CMY	0.4549, 0.6706, 1.0000
CMYK	0.00, 0.40, 1.00, 0.45
HSL	36°, 100%, 27%
HSV	36°, 100%, 55%
XYZ	13.8178, 11.8296, 1.5551
YIQ	90.8690, 59.7440, -14.4640

# Conversions

## Conversions Part 2

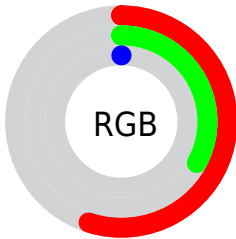
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 139, 0
Decimal	9131008
CIE <sub>Lab</sub>	40.94, 17.46, 49.66
CIE <sub>LCh</sub>	41, 52.635, 70.628
Yxy	11.8296, 0.5080, 0.4349
Android (android.graphics.Color)	4287321088 (0xFF8B5400)
YUV	90.8690, -44.7984, 42.2109
Hunter-Lab	34.3942, 11.5221, 21.3953

# Details

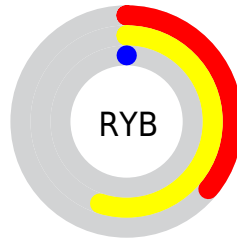
The YUV color **90.8690, -44.7984, 42.2109** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **48.1310, 44.7984, -42.2109**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0590, -42.9201, 46.4293**, and **47.7100, -23.5210, 30.9493** is the 20% darker color. If you saturate the color by 10%, you get **90.8690, -44.7984, 42.2109**, and if you desaturate by 10%, it is **95.9870, -40.4196, 37.7224**.

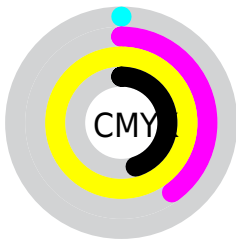
# Distribution



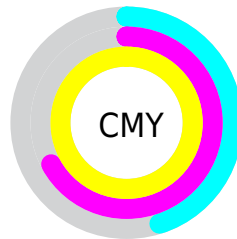
- Red (55%)
- Green (33%)
- Blue (0%)



- Red (36%)
- Yellow (55%)
- Blue (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (100%)
- Black (45%)




- Cyan (45%)
- Magenta (67%)
- Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 90.8690, -44.7984, 42.2109 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 90.8690, -44.7984, 42.2109 by changing the saturation by 10% instead.




 90.8690, -44.7984,  
42.2109


 90.8690, -44.7984,  
42.2109


 253.9740, -3.9312,  
0.8998

 68.9960, -34.0150,  
36.8375


 144.0590,  
-42.9201, 46.4293


 47.7100, -23.5210,  
30.9493


 171.1410,  
-43.9465, 48.9883


 27.3100, -13.4638,  
25.1611

 198.3260,  
-44.5307, 49.7031

 9.8670, -4.8644,  
20.2876


 217.7260,  
-41.2769, 32.6893


 0.0000, 0.0000,  
0.0000


 237.2400,  
-37.5863, 15.5755


 247.4760,


-28.8287, 6.5985


 250.6680,  
-16.5983, 3.7992


 90.8690, -44.7984,  
42.2109

 95.9870, -40.4196,  
37.7224

 100.5180,  
-35.7514, 33.7487

 105.6360,  
-31.3725, 29.2602

 110.1670,  
-26.7043, 25.2865

 114.6980,  
-22.0361, 21.3129

■ 119.7020,  
-18.0941, 16.9243

■ 124.8200,  
-13.7153, 12.4359

■ 129.3510, -9.0470,  
8.4622

■ 133.8820, -4.3788,  
4.4885

# Harmonies

## Analogous

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



91.9790, -24.6396, 63.1624



90.8690, -44.7984, 42.2109



88.6110, -43.6852, 11.7422

# Triad

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



90.8690, -44.7984, 42.2109



80.7460, 14.9152, -70.8142



99.3510, 31.3790, 15.4782

# Complementary

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



90.8690, -44.7984, 42.2109



48.1310, 44.7984, -42.2109

# 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.



77.6870, 51.4263, -68.1315



90.8690, -44.7984, 42.2109



84.8330, 33.1133, -74.3985

# Square

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



90.8690, -44.7984, 42.2109



74.4420, -4.1619, -65.2856



84.2750, 46.2064, -73.9092



95.3640, 15.1035, 55.8088



# Rectangle

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



90.8690, -44.7984, 42.2109



84.9070, -39.3942, -11.3194



84.2750, 46.2064, -73.9092



97.7940, 36.0906, -2.4503

# Sweetspot

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



90.8690, -44.7984, 42.2109



162.5170, -17.5099, 16.2096



47.9450, 3.9711, 79.8552



80.6070, -10.6523, 9.9917



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.



90.8690, -44.7984, 42.2109



118.1020, -58.2243, 55.1615



118.9680, -58.6512, 5.2901



66.4410, -2.1894, 2.2442



86.7270, -42.7564, 40.5814



3.2560, -1.6052, 1.5295



# Inverse Universe

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



48.1310, 44.7984, -42.2109



62.8980, 58.2243, -55.1615



20.0320, 58.6512, -5.2901



64.5590, 2.1894, -2.2442



45.6860, 43.0458, -40.0666

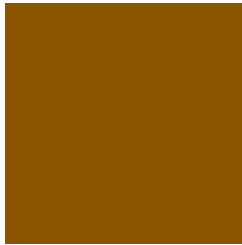


1.7440, 1.6052, -1.5295



# Previews

## White Background



This preview shows how the YUV color 90.8690, -44.7984, 42.2109 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 90.8690, -44.7984, 42.2109 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 90.8690, -44.7984, 42.2109

## Background



This preview shows how black text looks on a background with the YUV color 90.8690, -44.7984, 42.2109.



This preview shows how white text looks on a background with the YUV color 90.8690, -44.7984,



# 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

90.8690, -44.7984, 42.2109

### Protanopia

90.9690, -39.9177, 16.6902

### Deuteranopia

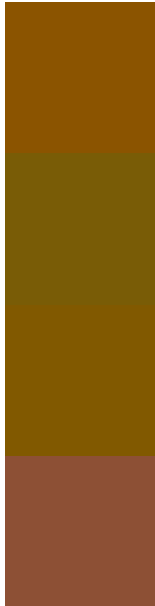
90.7810, -44.7550, 28.2561



## Tritanopia

97.8200, -6.8133, 38.7459

# Trichromacy



## Original Color

90.8690, -44.7984, 42.2109

## Protanomaly

90.8670, -41.8394, 26.4266

## Deuteranomaly

90.8140, -44.7713, 33.4891

## Tritanomaly

95.1610, -20.7854, 40.2008

# Monochromacy



## Original Color

90.8690, -44.7984, 42.2109

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

90.5600, -16.0521, 15.2949

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 90.8690, -44.7984, 42.2109 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(139, 84, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 84, 0)  
}
```

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(139, 84, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 84, 0) }
```

## Border

The CSS property to change the border of an element to YUV 90.8690, -44.7984, 42.2109 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(139, 84, 0) }
```



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

```
.border{ border-color:rgb(139, 84, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 84, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 84, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 84, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 84, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 90.8690, -44.7984, 42.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 84, 0) }
```

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

```
.background{ background-color: rgb(139, 84,  
0) }
```

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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