

# Converting Colors

YUV(64.3820, -25.8243,  
69.8250)

Have a look what the booklet for  
YUV(64.3820, -25.8243, 69.8250)  
contains.

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# Color

**YUV(64.3820, -25.8243,  
69.8250)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90220C
RGB	144, 34, 12
RGB Percent	56%, 13%, 5%
CMY	0.4353, 0.8667, 0.9529
CMYK	0.00, 0.76, 0.92, 0.44
HSL	10°, 85%, 31%
HSV	10°, 92%, 56%
XYZ	12.1400, 7.0999, 1.0784
YIQ	64.3820, 72.6220, 16.4780

# Conversions

## Conversions Part 2

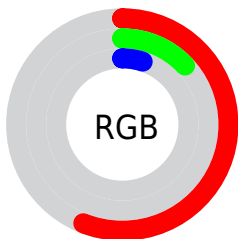
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 38, 12
Decimal	9445900
CIE <sub>Lab</sub>	32.03, 44.76, 39.87
CIE <sub>LCh</sub>	32, 59.943, 41.687
Yxy	7.0999, 0.5975, 0.3494
Android (android.graphics.Color)	4287635980 (0xFF90220C)
YUV	64.3820, -25.8243, 69.8250
Hunter-Lab	26.6456, 34.6964, 16.2524

# Details

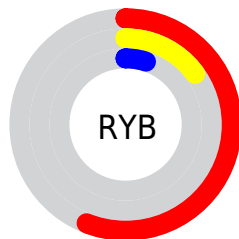
The YUV color **64.3820, -25.8243, 69.8250** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **91.6180, 25.8243, -69.8250**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5630, -30.3506, 74.9282**, and **25.4150, -12.5296, 52.2560** is the 20% darker color. If you saturate the color by 10%, you get **57.1440, -28.1720, 76.1727**, and if you desaturate by 10%, it is **73.0220, -23.1818, 62.2477**.

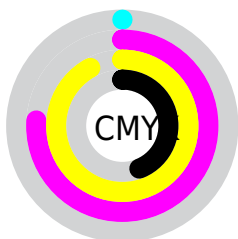
# Distribution



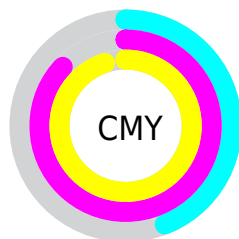
- Red (56%)
- Green (13%)
- Blue (5%)



- Red (56%)
- Yellow (15%)
- Blue (5%)



- Cyan (0%)
- Magenta (76%)
- Yellow (92%)
- Black (44%)




- Cyan (44%)
- Magenta (87%)
- Yellow (95%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 64.3820, -25.8243, 69.8250 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 64.3820, -25.8243, 69.8250 by changing the saturation by 10% instead.





 64.3820, -25.8243,  
69.8250

 64.3820, -25.8243,  
69.8250


 253.5180, -5.6784,  
1.2997


 34.0860, -16.8044,  
70.0846


 119.5630,  
-30.3506, 74.9282

 25.4150, -12.5296,  
52.2560

 146.8300,  
-31.9612, 78.2021


 17.4560, -8.1128,  
35.5571

 171.0960,  
-32.0923, 73.5838

 6.5780, -3.2430,  
13.5251

 189.9090,  
-28.5491, 57.0848


 0.0000, 0.0000,  
0.0000


 209.3090,  
-25.2953, 40.0710


 229.4100,


-21.8941, 22.4424


 249.6250,  
-18.0561, 4.7139


 64.3820, -25.8243,  
69.8250


 64.3820, -25.8243,  
69.8250


 57.1440, -28.1720,  
76.1727

 73.0220, -23.1818,  
62.2477

 81.7760, -20.1026,  
54.5704

 90.4160, -17.4601,  
46.9932

 99.1700, -14.3808,  
39.3159

 107.8100,  
-11.7383, 31.7386

■ 116.4500, -9.0958,  
24.1614

■ 125.2040, -6.0166,  
16.4841

■ 133.8440, -3.3741,  
8.9068

■ 142.5980, -0.2948,  
1.2296

# Harmonies

## Analogous

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



53.0710, 2.9230, 89.3917



64.3820, -25.8243, 69.8250



71.0780, -35.0415, 39.3966

# Triad

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



64.3820, -25.8243, 69.8250



59.4930, -8.1310, -52.1754



63.8780, 51.8251, -56.0210

# Complementary

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



64.3820, -25.8243, 69.8250



91.6180, 25.8243, -69.8250

# 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.



71.1670, 46.7527, -62.4135



64.3820, -25.8243, 69.8250



66.3670, 13.1301, -58.2039

# Square

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



64.3820, -25.8243, 69.8250



54.6350, -26.9351, -40.8989



70.9100, 33.0754, -62.1881



76.2850, 34.8625, 18.1671



# Rectangle

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



64.3820, -25.8243, 69.8250



71.2340, -35.1184, 17.3348



70.9100, 33.0754, -62.1881



67.0410, 51.2518, -58.7950

# Sweetspot

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



64.3820, -25.8243, 69.8250



154.8310, -10.2697, 27.3352



64.0080, 28.5901, 70.1530



75.0900, -6.4534, 16.5841



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



64.3820, -25.8243, 69.8250



73.8110, -36.3888, 98.3898



103.1240, -44.9241, 35.8483



66.6800, -1.3212, 3.7886



53.8660, -26.5559, 71.1545



2.9790, -1.4686, 4.4034



# Inverse Universe

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



91.6180, 25.8243, -69.8250



112.1890, 36.3888, -98.3898



52.8760, 44.9241, -35.8483



68.3200, 1.3212, -3.7886



81.7210, 26.2665, -71.6693



4.4340, 1.7580, -3.8886



# Previews

## White Background



This preview shows how the YUV color 64.3820, -25.8243, 69.8250 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

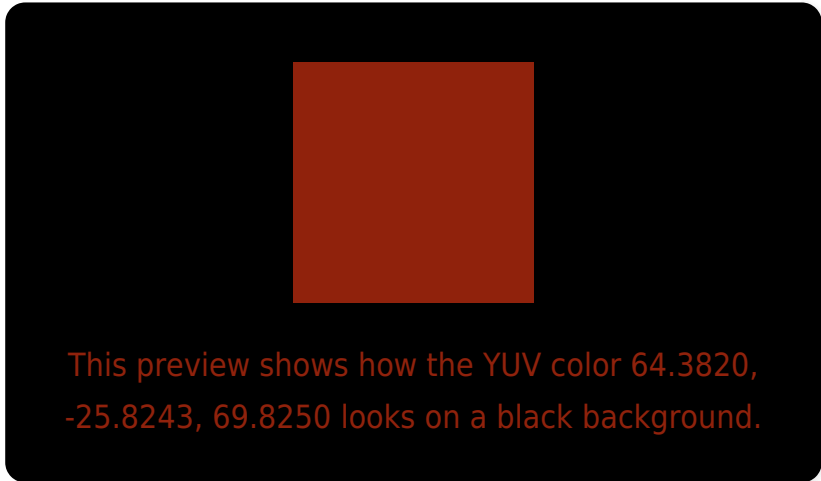
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

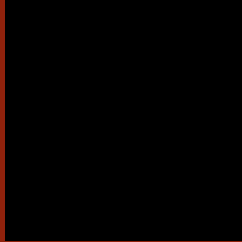
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 64.3820, -25.8243, 69.8250

## Background



This preview shows how black text looks on a background with the YUV color 64.3820, -25.8243, 69.8250.



This preview shows how white text looks on a background with the YUV color 64.3820, -25.8243,



# 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

64.3820, -25.8243, 69.8250

### Protanopia

73.4210, -25.3506, 11.0318

### Deuteranopia

71.8540, -35.4240, 22.0530



## Tritanopia

65.6020, -16.0728, 68.7550

# Trichromacy



## Original Color

64.3820, -25.8243, 69.8250

## Protanomaly

69.8520, -25.5630, 32.5788

## Deuteranomaly

69.1750, -32.1313, 39.3115

## Tritanomaly

65.2770, -19.8566, 69.0401

# Monochromacy



## Original Color

64.3820, -25.8243, 69.8250

## Achromatopsia

64.0000, 0.0000, 0.0000

## Achromatomaly

64.0480, -9.3907, 25.3909

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 64.3820, -25.8243, 69.8250 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(144, 34, 12)` looks like.

```
.text, #text, p{  
    color:rgb(144, 34, 12)  
}
```

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(144, 34, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 34, 12) }
```

## Border

The CSS property to change the border of an element to YUV 64.3820, -25.8243, 69.8250 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(144, 34, 12) }
```



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

```
.border{ border-color:rgb(144, 34, 12) }
```

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

Here you see how a box with a 4 pixel rgb(144, 34, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 34, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 34, 12);  
box-shadow:4px 4px 4px 4px rgb(144, 34,  
12) }
```

# Background

The CSS property to change the background color of an element to YUV 64.3820, -25.8243, 69.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 34, 12) }
```

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

```
.background{ background-color: rgb(144, 34,  
12) }
```

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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