

# Converting Colors

YUV(92.0390, -25.6552,  
62.2328)

Have a look what the booklet for  
YUV(92.0390, -25.6552, 62.2328)  
contains.

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# Color

**YUV(92.0390, -25.6552,  
62.2328)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A34228
RGB	163, 66, 40
RGB Percent	64%, 26%, 16%
CMY	0.3608, 0.7412, 0.8431
CMYK	0.00, 0.60, 0.75, 0.36
HSL	13°, 61%, 40%
HSV	13°, 75%, 64%
XYZ	17.4355, 11.8362, 3.3731
YIQ	92.0390, 66.1580, 12.4780

# Conversions

## Conversions Part 2

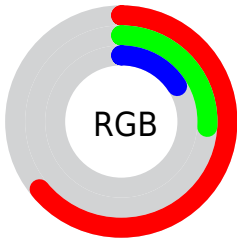
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 73, 40
Decimal	10699304
CIELab	40.95, 38.60, 35.38
CIElCh	41, 52.367, 42.507
Yxy	11.8362, 0.5341, 0.3626
Android (android.graphics.Color)	4288889384 (0xFFA34228)
YUV	92.0390, -25.6552, 62.2328
Hunter-Lab	34.4037, 30.2556, 18.2695

# Details

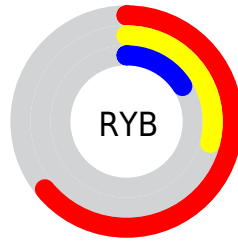
The YUV color **92.0390, -25.6552, 62.2328** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **110.9610, 25.6552, -62.2328**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2740, -28.7291, 68.1657**, and **38.4390, -18.9504, 58.3740** is the 20% darker color. If you saturate the color by 10%, you get **82.5840, -28.8819, 70.5248**, and if you desaturate by 10%, it is **101.4940, -22.4285, 53.9408**.

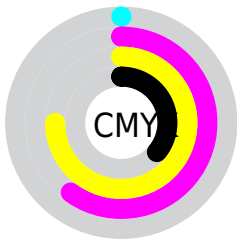
# Distribution



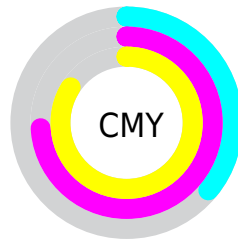
- Red (64%)
- Green (26%)
- Blue (16%)



- Red (64%)
- Yellow (29%)
- Blue (16%)



- Cyan (0%)
- Magenta (60%)
- Yellow (75%)
- Black (36%)




- Cyan (36%)
- Magenta (74%)
- Yellow (84%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 92.0390, -25.6552, 62.2328 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 92.0390, -25.6552, 62.2328 by changing the saturation by 10% instead.





 92.0390, -25.6552,  
62.2328


 92.0390, -25.6552,  
62.2328


255.0000, 0.0000,  
0.0000


 66.1850, -23.7552,  
59.4738


 145.2740,  
-28.7291, 68.1657


 38.4390, -18.9504,  
58.3740

 173.1280,  
-30.6291, 70.9247


 22.7240, -11.2029,  
46.7231

 192.2400,  
-27.2333, 55.0405

 15.3630, -7.0810,  
31.2536

 211.7540,  
-23.5427, 37.9267

 0.0000, 0.0000,  
0.0000

 231.2680,  
-19.8521, 20.8130

 250.8960,

-15.7247, 3.5992

254.0880, -3.4944,  
0.7998

92.0390, -25.6552,  
62.2328

92.0390, -25.6552,  
62.2328

82.5840, -28.8819,  
70.5248

101.4940,  
-22.4285, 53.9408

73.0150, -32.5454,  
78.9168

111.0630,  
-18.7651, 45.5487

68.6950, -33.8666,  
82.7055

120.5180,  
-15.5384, 37.2567

129.3860,  
-12.0223, 29.4795

138.9550, -8.3588,  
21.0875

■ 148.4100, -5.1321,  
12.7954

■ 157.8650, -1.9054,  
4.5034

■ 167.3200, 1.3212,  
-3.7886

■ 176.8890, 4.9847,  
-12.1807

# Harmonies

## Analogous

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



90.7840, -5.3165, 72.1034



92.0390, -25.6552, 62.2328



90.8580, -44.7930, 40.4665

# Triad

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



92.0390, -25.6552, 62.2328



75.3710, -3.1409, -66.1004



84.4610, 47.5937, -52.1473

# Complementary

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



92.0390, -25.6552, 62.2328



110.9610, 25.6552, -62.2328

# 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.



83.8020, 46.9326, -73.4944



92.0390, -25.6552, 62.2328



81.0880, 16.2256, -71.1142

# Square

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



92.0390, -25.6552, 62.2328



82.4840, -27.8466, -28.4885



85.0610, 33.9869, -74.5985



99.0310, 30.0577, 19.2668



# Rectangle

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



92.0390, -25.6552, 62.2328



90.1390, -44.4385, 20.0491



85.0610, 33.9869, -74.5985



80.1490, 50.7055, -70.2907

# Sweetspot

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



92.0390, -25.6552, 62.2328



183.5210, -10.1169, 24.9761



87.9490, 24.6751, 65.8197



89.4920, -6.1586, 15.3545



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



92.0390, -25.6552, 62.2328



100.7740, -40.3146, 97.5452



127.2590, -43.0187, 31.3449



76.8650, -1.9054, 4.5034



61.5520, -30.3451, 73.1839



7.7300, -3.8109, 9.0068



# Inverse Universe

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



110.9610, 25.6552, -62.2328



130.2260, 40.3146, -97.5452



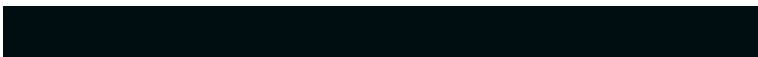
75.7410, 43.0187, -31.3449



78.1350, 1.9054, -4.5034



84.0350, 30.0557, -73.6987



10.2700, 3.8109, -9.0068



# Previews

## White Background



This preview shows how the YUV color 92.0390, -25.6552, 62.2328 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 92.0390, -25.6552, 62.2328 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

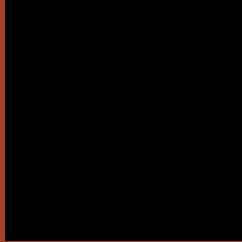
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 92.0390, -25.6552, 62.2328

## Background



This preview shows how black text looks on a background with the YUV color 92.0390, -25.6552, 62.2328.



This preview shows how white text looks on a background with the YUV color 92.0390, -25.6552,



# 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

92.0390, -25.6552, 62.2328

### Protanopia

94.9310, -22.1510, 11.4615

### Deuteranopia

94.2440, -30.1933, 24.3420



## Tritanopia

93.6550, -13.1409, 61.6926

# Trichromacy



## Original Color

92.0390, -25.6552, 62.2328

## Protanomaly

93.9980, -23.6630, 29.8198

## Deuteranomaly

93.7880, -28.4895, 37.8969

## Tritanomaly

93.1020, -17.7983, 62.1775

# Monochromacy



## Original Color

92.0390, -25.6552, 62.2328

## Achromatopsia

92.0000, 0.0000, 0.0000

## Achromatomaly

92.3250, -9.5272, 22.5170

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 92.0390, -25.6552, 62.2328 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(163, 66, 40)` looks like.

```
.text, #text, p{  
    color:rgb(163, 66, 40)  
}
```

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(163, 66, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 66, 40) }
```

## Border

The CSS property to change the border of an element to YUV 92.0390, -25.6552, 62.2328 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(163, 66, 40) }
```



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

```
.border{ border-color:rgb(163, 66, 40) }
```

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

Here you see how a box with a 4 pixel rgb(163, 66, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 66, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 66, 40);  
box-shadow:4px 4px 4px 4px rgb(163, 66,  
40) }
```

# Background

The CSS property to change the background color of an element to YUV 92.0390, -25.6552, 62.2328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 66, 40) }
```

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

```
.background{ background-color: rgb(163, 66,  
40) }
```

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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