

Converting Colors

YUV(75.1650, -37.0563,
32.3043)

Have a look what the booklet for
YUV(75.1650, -37.0563, 32.3043)
contains.

YUV(75.1650, -37.0563, 32.3043)	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(75.1650, -37.0563,
32.3043)**

Conversions

Conversions Part 1

Format	Color
Hex	704700
RGB	112, 71, 0
RGB Percent	44%, 28%, 0%
CMY	0.5608, 0.7216, 1.0000
CMYK	0.00, 0.37, 1.00, 0.56
HSL	38°, 100%, 22%
HSV	38°, 100%, 44%
XYZ	8.9353, 7.9512, 1.0638
YIQ	75.1650, 47.2270, -13.3890

Conversions

Conversions Part 2

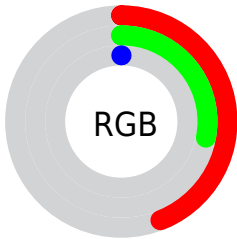
Format	Color
R_{YB}	65, 112, 0
Decimal	7358208
CIE Lab	33.88, 12.34, 43.25
CIE LCh	34, 44.973, 74.068
Yxy	7.9512, 0.4978, 0.4430
Android (android.graphics.Color)	4285548288 (0xFF704700)
YUV	75.1650, -37.0563, 32.3043
Hunter-Lab	28.1979, 7.2166, 17.5018

Details

The YUV color **75.1650, -37.0563, 32.3043** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **36.8350, 37.0563, -32.3043**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0130, -36.4884, 36.8226**, and **33.7780, -16.6526, 21.2427** is the 20% darker color. If you saturate the color by 10%, you get **75.1650, -37.0563, 32.3043**, and if you desaturate by 10%, it is **78.7670, -33.4091, 29.1453**.

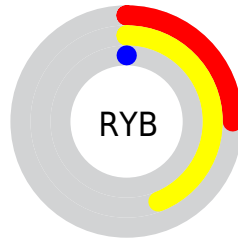
Distribution



Red (44%)

Green (28%)

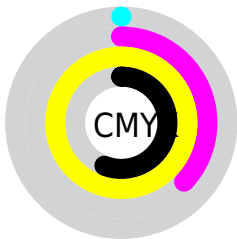
Blue (0%)



Red (25%)

Yellow (44%)

Blue (0%)

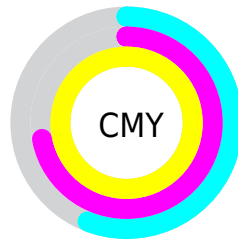


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (72%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.1650, -37.0563, 32.3043 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 75.1650, -37.0563, 32.3043 by changing the saturation by 10% instead.

75.1650, -37.0563,
32.3043

75.1650, -37.0563,
32.3043

253.0620, -7.4256,
1.6996

54.1780, -26.7098,
27.0309

126.0130,
-36.4884, 36.8226

33.7780, -16.6526,
21.2427

152.7960,
-37.3674, 38.7669

12.5140, -6.1694,
18.8432

179.8780,
-38.3939, 41.3260

0.0000, 0.0000,
0.0000


207.6500,
-39.2675, 41.5259


227.0500,
-36.0136, 24.5122


246.6780,


-31.8863, 7.2984


 249.8700,
-19.6559, 4.4990


 75.1650, -37.0563,
32.3043

 78.7670, -33.4091,
29.1453

 82.3690, -29.7619,
25.9864

 86.0850, -25.6779,
22.7275

 89.6870, -22.0307,
19.5685

 93.8760, -18.6729,
15.8947

■ 97.4780, -15.0257,
12.7358

■ 101.0800,
-11.3784, 9.5768

■ 104.7960, -7.2944,
6.3179

■ 108.3980, -3.6472,
3.1590

Harmonies

Analogous

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



75.8850, -22.1283, 50.9669



75.1650, -37.0563, 32.3043



72.9400, -35.9594, 7.0686

Triad

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



75.1650, -37.0563, 32.3043



67.2960, 14.1511, -59.0186



81.8260, 24.2428, 17.6926

Complementary

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



75.1650, -37.0563, 32.3043



36.8350, 37.0563, -32.3043

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.



72.3400, 37.7934, -35.3782



75.1650, -37.0563, 32.3043



70.4710, 28.8548, -61.8031

Square

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



75.1650, -37.0563, 32.3043



62.4910, -1.7211, -54.8046



69.1150, 38.8903, -60.6139



78.4680, 10.6153, 48.7016

Rectangle

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



75.1650, -37.0563, 32.3043



69.9420, -29.0584, -13.1041



69.1150, 38.8903, -60.6139



81.4760, 28.3593, 3.9675

Sweetspot

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



75.1650, -37.0563, 32.3043



130.7060, -14.1521, 12.5358



38.1620, 1.3991, 64.7559



65.0520, -8.8996, 7.8474



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



75.1650, -37.0563, 32.3043



97.3590, -47.9980, 41.7812



94.7470, -46.7103, 1.9759



54.1420, -2.0420, 1.6295



80.4920, -39.6826, 34.6485



166.0120, -81.8439, 71.0265

Inverse Universe

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



36.8350, 37.0563, -32.3043



47.6410, 47.9980, -41.7812



17.2530, 46.7103, -1.9759



52.4450, 1.7526, -2.1443



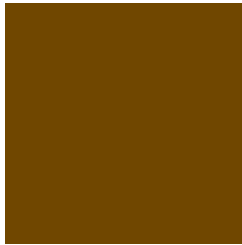
39.5080, 39.6826, -34.6485



81.5750, 81.5545, -71.5413

Previews

White Background



This preview shows how the YUV color 75.1650, -37.0563, 32.3043 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



This preview shows how the YUV color 75.1650, -37.0563, 32.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

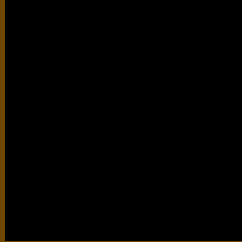
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.1650, -37.0563, 32.3043

Background



This preview shows how black text looks on a background with the YUV color 75.1650, -37.0563, 32.3043.



This preview shows how white text looks on a background with the YUV color 75.1650, -37.0563,

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

75.1650, -37.0563, 32.3043

Protanopia

75.6680, -33.3603, 13.4462

Deuteranopia

75.1100, -37.0292, 23.5825



Tritanopia

81.2210, -5.0390, 29.6242

Trichromacy



Original Color

75.1650, -37.0563, 32.3043

Protanomaly

75.3700, -34.6924, 20.7235

Deuteranomaly

75.1320, -37.0401, 27.0712

Tritanomaly

79.1320, -16.8271, 30.5792

Monochromacy



Original Color

75.1650, -37.0563, 32.3043

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.2220, -13.4204, 11.2063

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1650, -37.0563, 32.3043 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(112, 71, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 71, 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(112, 71, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 71, 0) }
```

Border

The CSS property to change the border of an element to YUV 75.1650, -37.0563, 32.3043 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(112, 71, 0) }
```


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

```
.border{ border-color:rgb(112, 71, 0) }
```

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

Here you see how a box with a 4 pixel rgb(112, 71, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 71, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 71, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 71, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.1650, -37.0563, 32.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 71, 0) }
```

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

```
.background{ background-color: rgb(112, 71,  
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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