

Converting Colors

YUV(59.7170, -27.4685,
37.0822)

Have a look what the booklet for
YUV(59.7170, -27.4685, 37.0822)
contains.

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Color

**YUV(59.7170, -27.4685,
37.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	663104
RGB	102, 49, 4
RGB Percent	40%, 19%, 2%
CMY	0.6000, 0.8078, 0.9843
CMYK	0.00, 0.52, 0.96, 0.60
HSL	28°, 92%, 21%
HSV	28°, 96%, 40%
XYZ	6.5997, 5.0302, 0.7379
YIQ	59.7170, 46.0330, -2.7590

Conversions

Conversions Part 2

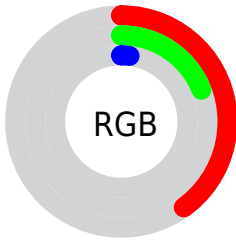
Format	Color
R _Y B	102, 87, 4
Decimal	6697220
CIE Lab	26.82, 20.94, 35.69
CIE LCh	27, 41.376, 59.599
Yxy	5.0302, 0.5336, 0.4067
Android (android.graphics.Color)	4284887300 (0xFF663104)
YUV	59.7170, -27.4685, 37.0822
Hunter-Lab	22.4280, 13.2767, 13.7488

Details

The YUV color **59.7170, -27.4685, 37.0822** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **46.2830, 27.4685, -37.0822**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.4080, -28.7951, 42.6152**, and **17.5860, -8.6699, 27.5501** is the 20% darker color. If you saturate the color by 10%, you get **58.0870, -28.6369, 38.5117**, and if you desaturate by 10%, it is **64.3790, -24.8368, 32.9936**.

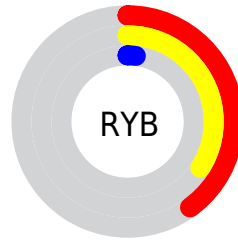
Distribution



Red (40%)

Green (19%)

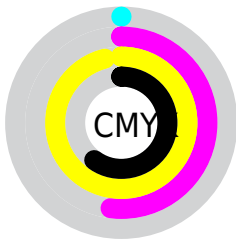
Blue (2%)



Red (40%)

Yellow (34%)

Blue (2%)

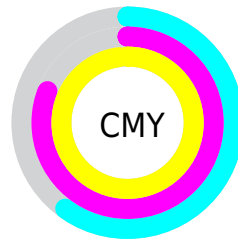


Cyan (0%)

Magenta (52%)

Yellow (96%)

Black (60%)



Cyan (60%)

Magenta (81%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7170, -27.4685, 37.0822 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 59.7170, -27.4685, 37.0822 by changing the saturation by 10% instead.

■ 59.7170, -27.4685,
37.0822

■ 59.7170, -27.4685,
37.0822

■ 252.6060, -9.1728,
2.0995

■ 38.2740, -18.8691,
32.2087

■ 109.4080,
-28.7951, 42.6152

■ 17.5860, -8.6699,
27.5501

■ 135.4900,
-29.8216, 45.1743

■ 5.0830, -2.5059,
10.4512

■ 162.1590,
-31.1374, 47.2186

■ 0.0000, 0.0000,
0.0000


■ 189.9420,
-32.0164, 49.1629


■ 211.4460,
-29.7999, 38.1969


■ 230.9600,


-26.1093, 21.0831


 249.3000,
-21.8399, 4.9989


 59.7170, -27.4685,
37.0822


 59.7170, -27.4685,
37.0822


 58.0870, -28.6369,
38.5117

 64.3790, -24.8368,
32.9936

 68.4540, -21.9158,
29.4198

 73.2300, -18.8474,
25.2313

 77.3050, -15.9264,
21.6575

 81.9670, -13.2947,
17.5689

■ 86.0420, -10.3737,
13.9952

■ 90.7040, -7.7421,
9.9066

■ 94.8930, -4.3842,
6.2328

■ 99.5550, -1.7526,
2.1443

Harmonies

Analogous

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



58.8170, -12.2348, 51.0265



59.7170, -27.4685, 37.0822



59.7160, -29.4400, 16.0351

Triad

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



59.7170, -27.4685, 37.0822



52.2670, 4.7984, -45.8382



63.7910, 27.2180, -3.3247

Complementary

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



59.7170, -27.4685, 37.0822



46.2830, 27.4685, -37.0822

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.



53.8070, 36.0841, -47.1887



59.7170, -27.4685, 37.0822



55.9150, 18.7759, -49.0375

Square

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



59.7170, -27.4685, 37.0822



47.3310, -9.0372, -41.5093



57.4770, 29.8378, -50.4073



63.7370, 15.9057, 31.8027

Rectangle

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



59.7170, -27.4685, 37.0822



57.2580, -28.2282, 0.6507



57.4770, 29.8378, -50.4073



60.0060, 31.0560, -21.0533

Sweetspot

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



59.7170, -27.4685, 37.0822



116.2270, -10.9579, 14.7099



39.4580, 9.1412, 54.8493



56.3340, -6.5737, 8.4771



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



59.7170, -27.4685, 37.0822



75.5740, -37.2580, 50.3626



87.8930, -41.3592, 12.3718



48.6690, -1.3158, 2.0443



65.4960, -32.2895, 43.4150



137.5150, -67.7949, 91.6333

Inverse Universe

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



46.2830, 27.4685, -37.0822



57.4260, 37.2580, -50.3626



18.1070, 41.3592, -12.3718



48.3310, 1.3158, -2.0443



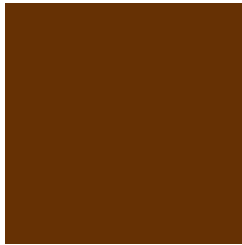
49.5040, 32.2895, -43.4150



104.4850, 67.7949, -91.6333

Previews

White Background



This preview shows how the YUV color 59.7170, -27.4685, 37.0822 looks on a white background.

Color Contrast Check

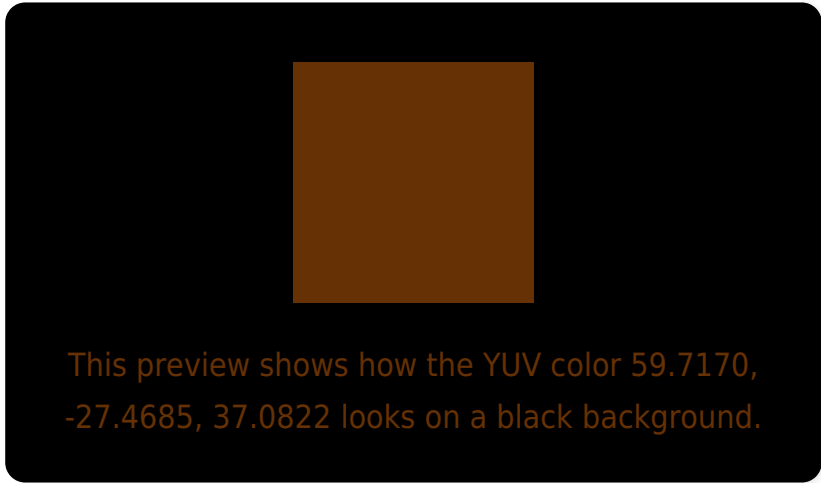
Large Text (above 18pt) WCAG AA ✓ Pass

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

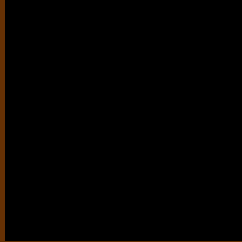
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7170, -27.4685, 37.0822

Background



This preview shows how black text looks on a background with the YUV color 59.7170, -27.4685, 37.0822.



This preview shows how white text looks on a background with the YUV color 59.7170, -27.4685,

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

59.7170, -27.4685, 37.0822

Protanopia

60.2360, -24.7663, 10.3170

Deuteranopia

60.0260, -29.5928, 18.3942



Tritanopia

63.3850, -7.0918, 34.7424

Trichromacy



Original Color

59.7170, -27.4685, 37.0822

Protanomaly

60.3620, -25.8145, 19.8535

Deuteranomaly

60.1840, -29.1777, 25.2716

Tritanomaly

62.1480, -14.3700, 35.8272

Monochromacy



Original Color

59.7170, -27.4685, 37.0822

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8570, -9.7895, 13.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7170, -27.4685, 37.0822 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(102, 49, 4)` looks like.

```
.text, #text, p{  
    color:rgb(102, 49, 4)  
}
```

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(102, 49, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 49, 4) }
```

Border

The CSS property to change the border of an element to YUV 59.7170, -27.4685, 37.0822 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(102, 49, 4) }
```


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

```
.border{ border-color:rgb(102, 49, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 49, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 49, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 49, 4);  
box-shadow:4px 4px 4px 4px rgb(102, 49, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.7170, -27.4685, 37.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 49, 4) }
```

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

```
.background{ background-color: rgb(102, 49,  
4) }
```

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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