

Converting Colors

YUV(59.2730, -13.9386,
37.4716)

Have a look what the booklet for
YUV(59.2730, -13.9386, 37.4716)
contains.

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Color

**YUV(59.2730, -13.9386,
37.4716)**

Conversions

Conversions Part 1

Format	Color
Hex	662B1F
RGB	102, 43, 31
RGB Percent	40%, 17%, 12%
CMY	0.6000, 0.8314, 0.8784
CMYK	0.00, 0.58, 0.70, 0.60
HSL	10°, 53%, 26%
HSV	10°, 70%, 40%
XYZ	6.5907, 4.6515, 1.8468
YIQ	59.2730, 39.0160, 8.7760

Conversions

Conversions Part 2

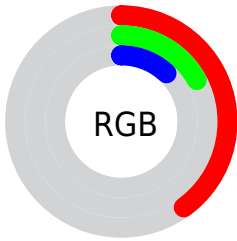
Format	Color
R_{YB}	102, 45, 31
Decimal	6695711
CIE Lab	25.72, 25.60, 20.54
CIE LCh	26, 32.820, 38.745
Yxy	4.6515, 0.5035, 0.3554
Android (android.graphics.Color)	4284885791 (0xFF662B1F)
YUV	59.2730, -13.9386, 37.4716
Hunter-Lab	21.5673, 16.8047, 10.0201

Details

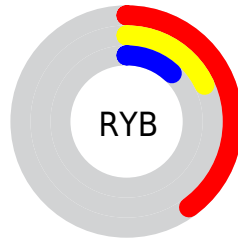
The YUV color **59.2730, -13.9386, 37.4716** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **73.7270, 13.9386, -37.4716**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3230, -16.4282, 42.6897**, and **14.9500, -7.3703, 30.7388** is the 20% darker color. If you saturate the color by 10%, you get **53.4370, -15.9914, 42.5898**, and if you desaturate by 10%, it is **65.1090, -11.8857, 32.3534**.

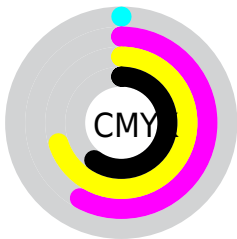
Distribution



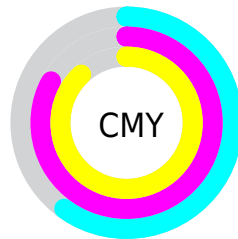
- Red (40%)
- Green (17%)
- Blue (12%)



- Red (40%)
- Yellow (18%)
- Blue (12%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (60%)



- Cyan (60%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2730, -13.9386, 37.4716 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 59.2730, -13.9386, 37.4716 by changing the saturation by 10% instead.

■ 59.2730, -13.9386,
37.4716

■ 59.2730, -13.9386,
37.4716

■ 255.0000, 0.0000,
0.0000

■ 35.3760, -13.4964,
35.6272

■ 108.3230,
-16.4282, 42.6897

■ 14.9500, -7.3703,
30.7388

■ 134.6930,
-17.5966, 44.1192

■ 5.0830, -2.5059,
10.4512

■ 160.8890,
-18.1863, 46.5783

■ 0.0000, 0.0000,
0.0000

■ 188.6720,
-19.0653, 48.5227

■ 211.4750,
-16.9962, 38.1714

■ 230.9890,

-13.3056, 21.0576

251.3180, -9.0308,
3.2291

59.2730, -13.9386,
37.4716

59.2730, -13.9386,
37.4716

53.4370, -15.9914,
42.5898

65.1090, -11.8857,
32.3534

47.0140, -17.7549,
48.2227

71.5320, -10.1223,
26.7204

41.0640, -20.2446,
53.4409

77.4820, -7.6326,
21.5023

40.4770, -19.9552,
53.9557

83.9050, -5.8692,
15.8693

89.7410, -3.8163,
10.7511

■ 96.1640, -2.0529,
5.1182

■ 102.0000, 0.0000,
0.0000

■ 108.5370, 2.2003,
-5.7329

■ 114.3730, 4.2531,
-10.8511

Harmonies

Analogous

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



59.6830, -2.3087, 40.6200



59.2730, -13.9386, 37.4716



58.7910, -23.0680, 25.6163

Triad

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



59.2730, -13.9386, 37.4716



47.0520, -2.4906, -41.2646



54.3270, 27.4468, -30.1048

Complementary

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



59.2730, -13.9386, 37.4716



73.7270, 13.9386, -37.4716

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.



52.1140, 27.0588, -45.7040



59.2730, -13.9386, 37.4716



50.6030, 8.5767, -44.3788

Square

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



59.2730, -13.9386, 37.4716



54.0420, -17.2757, -12.3148



52.6380, 18.9125, -46.1635



62.5660, 18.4550, 7.3966

Rectangle

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



59.2730, -13.9386, 37.4716



57.6280, -25.9456, 15.2352



52.6380, 18.9125, -46.1635



50.2220, 29.9636, -44.0447

Sweetspot

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



59.2730, -13.9386, 37.4716



115.7200, -5.2850, 15.1546



58.9550, 15.3052, 37.7505



56.5450, -3.2267, 8.2920



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.



59.2730, -13.9386, 37.4716



65.6410, -22.0080, 59.0738



79.8180, -24.0673, 19.4536



48.0820, -1.0264, 2.5591



45.5380, -22.4502, 60.9182



96.4250, -47.5375, 127.6693

Inverse Universe

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



73.7270, 13.9386, -37.4716



88.3590, 22.0080, -59.0738



53.1820, 24.0673, -19.4536



48.9180, 1.0264, -2.5591



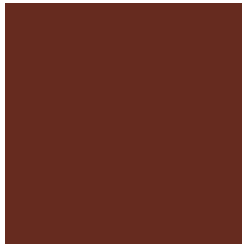
68.8750, 22.7396, -60.4034



145.5750, 47.5375, -127.6693

Previews

White Background



This preview shows how the YUV color 59.2730, -13.9386, 37.4716 looks on a white background.

Color Contrast Check

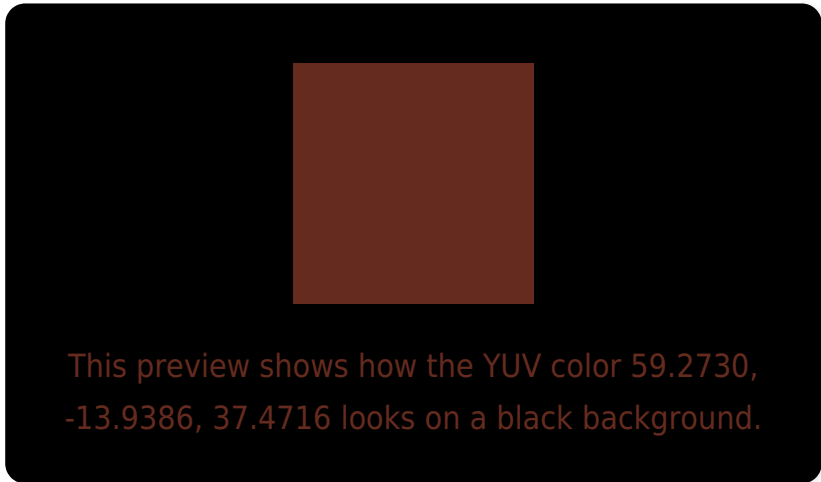
Large Text (above 18pt) WCAG AA ✓ Pass

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

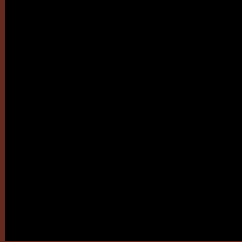
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2730, -13.9386, 37.4716

Background



This preview shows how black text looks on a background with the YUV color 59.2730, -13.9386, 37.4716.

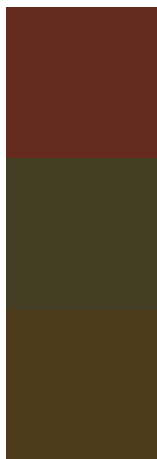


This preview shows how white text looks on a background with the YUV color 59.2730, -13.9386,

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

59.2730, -13.9386, 37.4716

Protanopia

60.9440, -11.8044, 6.1881

Deuteranopia

60.8480, -16.1941, 14.1653



Tritanopia

59.8800, -7.8288, 37.8162

Trichromacy



Original Color

59.2730, -13.9386, 37.4716

Protanomaly

60.1950, -12.4211, 17.3690

Deuteranomaly

60.1310, -15.3476, 22.6871

Tritanomaly

59.8970, -10.3022, 37.8013

Monochromacy



Original Color

59.2730, -13.9386, 37.4716

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1220, -4.9901, 13.9250

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2730, -13.9386, 37.4716 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, 43, 31)` looks like.

```
.text, #text, p{  
    color:rgb(102, 43, 31)  
}
```

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, 43, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 43, 31) }
```

Border

The CSS property to change the border of an element to YUV 59.2730, -13.9386, 37.4716 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, 43, 31) }
```


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

```
.border{ border-color:rgb(102, 43, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 43, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 43, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 43, 31);  
box-shadow:4px 4px 4px 4px rgb(102, 43,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 59.2730, -13.9386, 37.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 43, 31) }
```

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

```
.background{ background-color: rgb(102, 43,  
31) }
```

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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