

Converting Colors

YUV(63.4730, -10.5862,
35.5422)

Have a look what the booklet for
YUV(63.4730, -10.5862, 35.5422)
contains.

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Color

**YUV(63.4730, -10.5862,
35.5422)**

Conversions

Conversions Part 1

Format	Color
Hex	682F2A
RGB	104, 47, 42
RGB Percent	41%, 18%, 16%
CMY	0.5922, 0.8157, 0.8353
CMYK	0.00, 0.55, 0.60, 0.59
HSL	5°, 42%, 29%
HSV	5°, 60%, 41%
XYZ	7.1434, 5.1433, 2.8067
YIQ	63.4730, 35.5770, 10.5290

Conversions

Conversions Part 2

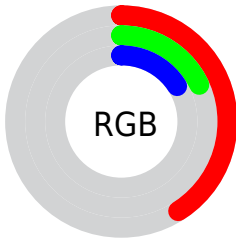
Format	Color
R_{YB}	104, 47, 42
Decimal	6827818
CIE Lab	27.14, 25.06, 15.30
CIE LCh	27, 29.360, 31.401
Yxy	5.1433, 0.4733, 0.3408
Android (android.graphics.Color)	4285017898 (0xFF682F2A)
YUV	63.4730, -10.5862, 35.5422
Hunter-Lab	22.6787, 16.5362, 8.5373

Details

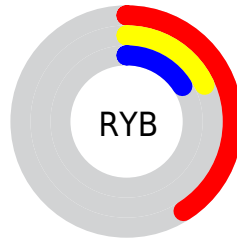
The YUV color **63.4730, -10.5862, 35.5422** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.5270, 10.5862, -35.5422**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.9250, -12.7810, 39.5308**, and **17.0210, -8.3914, 31.5536** is the 20% darker color. If you saturate the color by 10%, you get **56.4630, -12.0603, 41.6899**, and if you desaturate by 10%, it is **70.4830, -9.1121, 29.3944**.

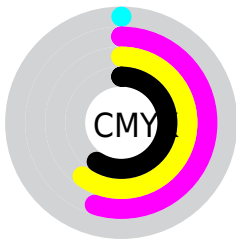
Distribution



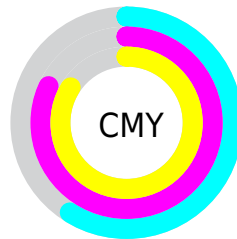
- Red (41%)
- Green (18%)
- Blue (16%)



- Red (41%)
- Yellow (18%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (60%)
- Black (59%)



- Cyan (59%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.4730, -10.5862, 35.5422 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 63.4730, -10.5862, 35.5422 by changing the saturation by 10% instead.

■ 63.4730, -10.5862,
35.5422

■ 63.4730, -10.5862,
35.5422

■ 255.0000, 0.0000,
0.0000

■ 39.9180, -8.8336,
33.3979

■ 112.9250,
-12.7810, 39.5308

■ 17.0210, -8.3914,
31.5536

■ 138.8220,
-13.2232, 41.3751

■ 7.8880, -3.3958,
15.8842

■ 165.6050,
-14.1023, 43.3194

■ 0.0000, 0.0000,
0.0000

■ 193.0890,
-14.8339, 44.6489

■ 215.4190,
-12.0386, 34.7125

■ 235.5200, -8.6374,

17.0840

254.0880, -3.4944,
0.7998

63.4730, -10.5862,
35.5422

63.4730, -10.5862,
35.5422

56.4630, -12.0603,
41.6899

70.4830, -9.1121,
29.3944

49.9260, -14.2605,
47.4229

77.0200, -6.9119,
23.6615

42.9160, -15.7346,
53.5707

84.0300, -5.4378,
17.5137

36.3790, -17.9348,
59.3036

90.5670, -3.2375,
11.7807

35.7920, -17.6455,
59.8184

97.5770, -1.7635,
5.6330

■ 104.0000, 0.0000,
0.0000

■ 111.1240, 1.9109,
-6.2477

■ 117.5470, 3.6743,
-11.8807

■ 124.6710, 5.5852,
-18.1285

Harmonies

Analogous

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



64.2200, -0.1085, 34.8871



63.4730, -10.5862, 35.5422



62.8280, -19.1422, 26.4608

Triad

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



63.4730, -10.5862, 35.5422



53.9180, -5.8756, -28.8691



56.2510, 26.0053, -34.4231

Complementary

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



63.4730, -10.5862, 35.5422



82.5270, 10.5862, -35.5422

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.



54.0060, 24.1540, -47.3633



63.4730, -10.5862, 35.5422



51.3210, 6.2507, -45.0085

Square

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



63.4730, -10.5862, 35.5422



59.6730, -17.5868, -5.8522



53.9430, 16.2971, -47.3080



65.5220, 18.4767, 0.4192

Rectangle

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



63.4730, -10.5862, 35.5422



62.3770, -21.8779, 17.2094



53.9430, 16.2971, -47.3080



52.2280, 27.4956, -45.8040

Sweetspot

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



63.4730, -10.5862, 35.5422



119.3500, -4.1165, 13.7251



67.1500, 16.1950, 32.3174



59.0720, -2.5005, 8.7069



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



63.4730, -10.5862, 35.5422



71.6990, -16.6136, 55.5150



81.0830, -19.2679, 20.0982



47.4950, -0.7370, 3.0739



39.6680, -19.5563, 66.0662



84.0980, -41.4603, 138.4801

Inverse Universe

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



82.5270, 10.5862, -35.5422



101.3010, 16.6136, -55.5150



64.9170, 19.2679, -20.0982



49.5050, 0.7370, -3.0739



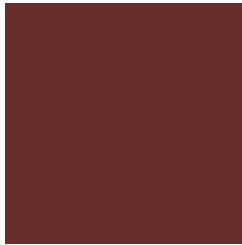
74.7450, 19.8457, -65.5514



158.4890, 41.1709, -138.9949

Previews

White Background



This preview shows how the YUV color 63.4730, -10.5862, 35.5422 looks on a white background.

Color Contrast Check

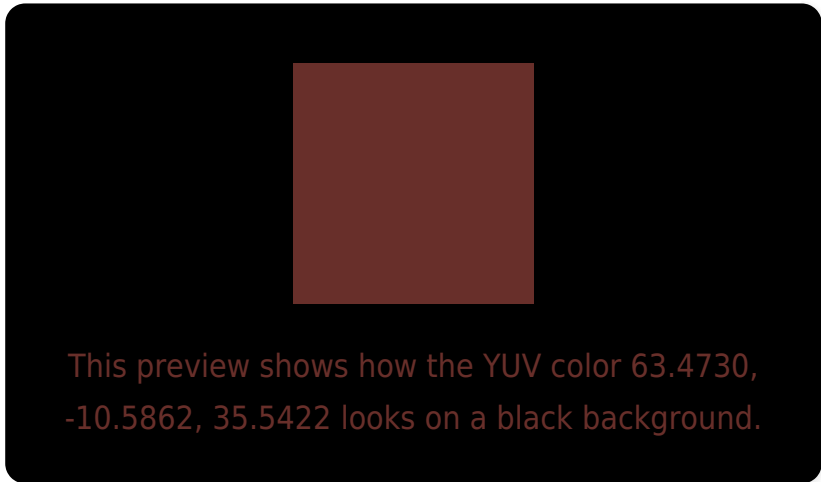
Large Text (above 18pt) WCAG AA ✓ Pass

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

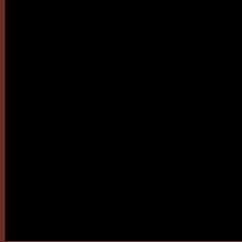
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.4730, -10.5862, 35.5422

Background



This preview shows how black text looks on a background with the YUV color 63.4730, -10.5862, 35.5422.

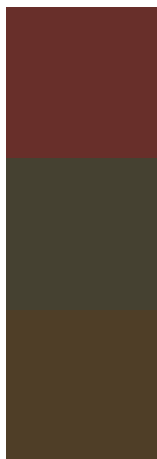


This preview shows how white text looks on a background with the YUV color 63.4730, -10.5862,

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

63.4730, -10.5862, 35.5422

Protanopia

64.3720, -7.5784, 4.0588

Deuteranopia

64.4610, -12.5523, 12.7507



Tritanopia

63.6840, -7.2392, 35.3571

Trichromacy



Original Color

63.4730, -10.5862, 35.5422

Protanomaly

63.8080, -8.7793, 15.9544

Deuteranomaly

64.3310, -11.9952, 20.7577

Tritanomaly

63.3420, -8.5496, 35.6571

Monochromacy



Original Color

63.4730, -10.5862, 35.5422

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0510, -3.9691, 13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.4730, -10.5862, 35.5422 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(104, 47, 42)` looks like.

```
.text, #text, p{  
    color:rgb(104, 47, 42)  
}
```

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(104, 47, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 47, 42) }
```

Border

The CSS property to change the border of an element to YUV 63.4730, -10.5862, 35.5422 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(104, 47, 42) }
```


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

```
.border{ border-color:rgb(104, 47, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 47, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 47, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 47, 42);  
box-shadow:4px 4px 4px 4px rgb(104, 47,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 63.4730, -10.5862, 35.5422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 47, 42) }
```

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

```
.background{ background-color: rgb(104, 47,  
42) }
```

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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