

Converting Colors

YUV(69.0450, -14.8122,
37.6715)

Have a look what the booklet for
YUV(69.0450, -14.8122, 37.6715)
contains.

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Color

**YUV(69.0450, -14.8122,
37.6715)**

Conversions

Conversions Part 1

Format	Color
Hex	703527
RGB	112, 53, 39
RGB Percent	44%, 21%, 15%
CMY	0.5608, 0.7922, 0.8471
CMYK	0.00, 0.53, 0.65, 0.56
HSL	12°, 48%, 30%
HSV	12°, 65%, 44%
XYZ	8.3214, 6.1374, 2.6655
YIQ	69.0450, 39.6580, 8.1540

Conversions

Conversions Part 2

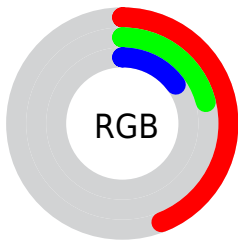
Format	Color
R_{YB}	112, 56, 39
Decimal	7353639
CIE Lab	29.76, 24.79, 20.82
CIE LCh	30, 32.373, 40.021
Yxy	6.1374, 0.4859, 0.3584
Android (android.graphics.Color)	4285543719 (0xFF703527)
YUV	69.0450, -14.8122, 37.6715
Hunter-Lab	24.7738, 16.6030, 10.9625

Details

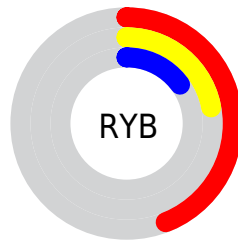
The YUV color **69.0450, -14.8122, 37.6715** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.9550, 14.8122, -37.6715**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7960, -17.1544, 42.2749**, and **22.0490, -10.8702, 33.2830** is the 20% darker color. If you saturate the color by 10%, you get **62.5080, -17.0124, 43.4045**, and if you desaturate by 10%, it is **75.5820, -12.6119, 31.9386**.

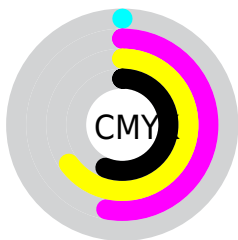
Distribution



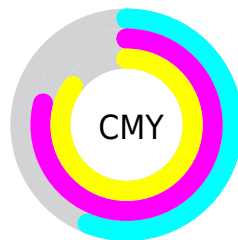
- Red (44%)
- Green (21%)
- Blue (15%)



- Red (44%)
- Yellow (22%)
- Blue (15%)



- Cyan (0%)
- Magenta (53%)
- Yellow (65%)
- Black (56%)



- Cyan (56%)
- Magenta (79%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.0450, -14.8122, 37.6715 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 69.0450, -14.8122, 37.6715 by changing the saturation by 10% instead.

■ 69.0450, -14.8122,
37.6715

■ 69.0450, -14.8122,
37.6715

■ 255.0000, 0.0000,
0.0000

■ 45.0770, -13.3490,
35.0125

■ 118.7960,
-17.1544, 42.2749

■ 22.0490, -10.8702,
33.2830

■ 145.5790,
-18.0334, 44.2192

■ 11.1770, -5.0173,
22.6468

■ 172.3620,
-18.9125, 46.1635

■ 0.0000, 0.0000,
0.0000

■ 199.8460,
-19.6441, 47.4931

■ 219.0720,
-15.8115, 31.5089

■ 239.2870,

-11.9735, 13.7803

253.7460, -4.8048,
1.0998

69.0450, -14.8122,
37.6715

69.0450, -14.8122,
37.6715

62.5080, -17.0124,
43.4045

75.5820, -12.6119,
31.9386

55.9710, -19.2127,
49.1374

82.1190, -10.4117,
26.2056

49.3200, -21.8498,
54.9704

88.7700, -7.7746,
20.3727

45.8150, -22.5868,
58.0442

95.3070, -5.5744,
14.6398

101.8440, -3.3741,
8.9068

■ 108.3810, -1.1738,
3.1739

■ 114.9180, 1.0264,
-2.5591

■ 121.5690, 3.6635,
-8.3920

■ 128.1060, 5.8637,
-14.1250

Harmonies

Analogous

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



69.4550, -3.1823, 40.8200



69.0450, -14.8122, 37.6715



68.3780, -23.3574, 25.1015

Triad

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



69.0450, -14.8122, 37.6715



53.4750, -0.7272, -46.8976



66.1320, 26.5569, -24.6718

Complementary

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



69.0450, -14.8122, 37.6715



81.9550, 14.8122, -37.6715

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.



58.5370, 28.8223, -51.3369



69.0450, -14.8122, 37.6715



57.0260, 10.3402, -50.0118

Square

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



69.0450, -14.8122, 37.6715



63.7430, -17.1283, -12.9296



59.1750, 21.1127, -51.8965



72.4630, 18.0127, 9.2409

Rectangle

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



69.0450, -14.8122, 37.6715



67.4430, -25.3614, 14.5205



59.1750, 21.1127, -51.8965



57.7270, 30.7006, -47.1186

Sweetspot

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



69.0450, -14.8122, 37.6715



128.1930, -6.0111, 14.7397



67.6670, 15.4472, 38.8800



63.7300, -3.8109, 9.0068



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.



69.0450, -14.8122, 37.6715



78.7010, -23.0236, 58.1442



90.1770, -25.2303, 19.1388



52.9680, -1.4632, 2.6591



49.3810, -24.3448, 61.9329



101.4420, -50.0109, 127.6544

Inverse Universe

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



81.9550, 14.8122, -37.6715



98.8860, 22.7342, -58.6590



60.8230, 25.2303, -19.1388



53.6190, 1.1738, -3.1739



70.6190, 24.3448, -61.9329



145.5580, 50.0109, -127.6544

Previews

White Background



This preview shows how the YUV color 69.0450, -14.8122, 37.6715 looks on a white background.

Color Contrast Check

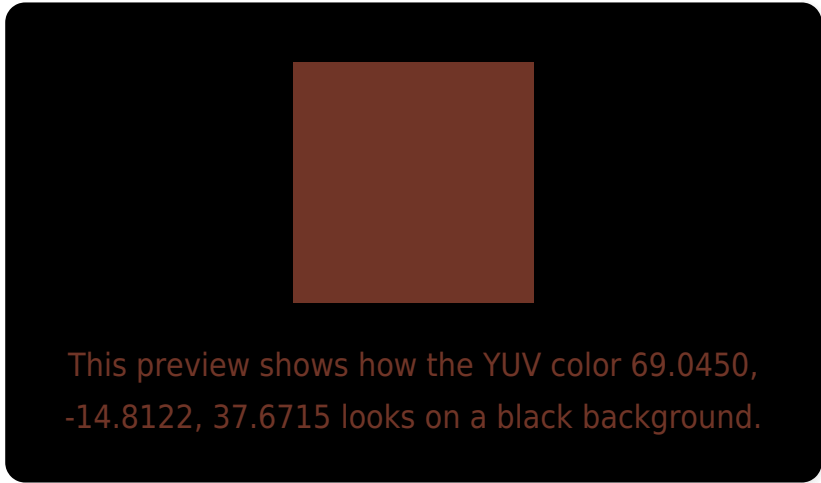
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.0450, -14.8122, 37.6715

Background



This preview shows how black text looks on a background with the YUV color 69.0450, -14.8122, 37.6715.

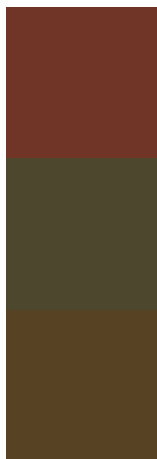


This preview shows how white text looks on a background with the YUV color 69.0450, -14.8122,

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

69.0450, -14.8122, 37.6715

Protanopia

69.9440, -11.8044, 6.1881

Deuteranopia

69.4460, -16.4889, 15.3949



Tritanopia

69.8800, -7.8288, 37.8162

Trichromacy



Original Color

69.0450, -14.8122, 37.6715

Protanomaly

69.3800, -13.0053, 18.0837

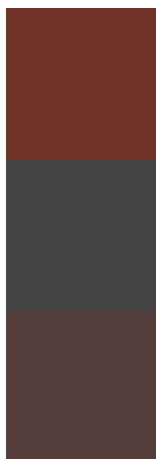
Deuteranomaly

69.3160, -15.9318, 23.4019

Tritanomaly

69.8970, -10.3022, 37.8013

Monochromacy



Original Color

69.0450, -14.8122, 37.6715

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0080, -5.4269, 14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.0450, -14.8122, 37.6715 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, 53, 39)` looks like.

```
.text, #text, p{  
    color:rgb(112, 53, 39)  
}
```

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, 53, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 53, 39) }
```

Border

The CSS property to change the border of an element to YUV 69.0450, -14.8122, 37.6715 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, 53, 39) }
```


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

```
.border{ border-color:rgb(112, 53, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 53, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 53, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 53, 39);  
box-shadow:4px 4px 4px 4px rgb(112, 53,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 69.0450, -14.8122, 37.6715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 53, 39) }
```

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

```
.background{ background-color: rgb(112, 53,  
39) }
```

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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