

Converting Colors

YUV(70.7440, -8.2548, 34.4275)

Have a look what the booklet for
YUV(70.7440, -8.2548, 34.4275)
contains.

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Color

**YUV(70.7440, -8.2548,
34.4275)**

Conversions

Conversions Part 1

Format	Color
Hex	6E3636
RGB	110, 54, 54
RGB Percent	43%, 21%, 21%
CMY	0.5686, 0.7882, 0.7882
CMYK	0.00, 0.51, 0.51, 0.57
HSL	0°, 34%, 32%
HSV	0°, 51%, 43%
XYZ	8.4154, 6.2197, 4.2470
YIQ	70.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

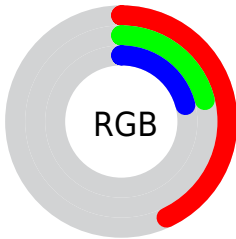
Format	Color
RYB	110, 54, 54
Decimal	7222838
CIELab	29.96, 24.75, 11.41
CIElCh	30, 27.253, 24.760
Yxy	6.2197, 0.4457, 0.3294
Android (android.graphics.Color)	4285412918 (0xFF6E3636)
YUV	70.7440, -8.2548, 34.4275
Hunter-Lab	24.9393, 16.5888, 7.3608




Details

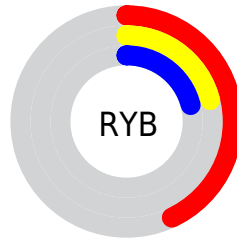
The YUV color **70.7440, -8.2548, 34.4275** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **93.2560, 8.2548, -34.4275**, and the grayscale version is **71.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **120.4240, -9.5760, 38.2162**, and **23.4770, -6.6442, 31.1537** is the 20% darker color. If you saturate the color by 10%, you get **63.0330, -9.8763, 41.1901**, and if you desaturate by 10%, it is **78.4550, -6.6333, 27.6650**.

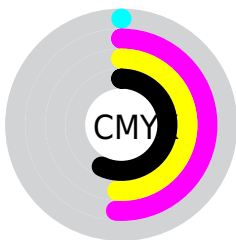
Distribution







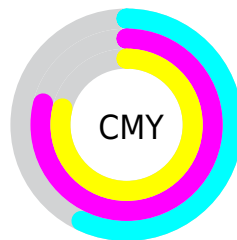
-  Red (43%)
-  Green (21%)
-  Blue (21%)






-  Red (43%)
-  Yellow (21%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (51%)
-  Yellow (51%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (79%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.7440, -8.2548, 34.4275 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 70.7440, -8.2548, 34.4275 by changing the saturation by 10% instead.

■ 70.7440, -8.2548,
34.4275

■ 70.7440, -8.2548,
34.4275

■ 255.0000, 0.0000,
0.0000

■ 47.0750, -6.9390,
32.3832

■ 120.4240, -9.5760,
38.2162

■ 23.4770, -6.6442,
31.1537

■ 146.9080,
-10.3076, 39.5457

■ 11.4760, -5.1647,
23.2615

■ 173.6910,
-11.1867, 41.4900

■ 0.0000, 0.0000,
0.0000

■ 201.2890,
-11.4815, 42.7195

■ 222.4120, -8.0911,
28.5797

■ 242.0400, -3.9637,

11.3659

■ 70.7440, -8.2548,
34.4275

■ 70.7440, -8.2548,
34.4275

■ 63.0330, -9.8763,
41.1901

■ 78.4550, -6.6333,
27.6650

■ 55.3220, -11.4977,
47.9526

■ 86.1660, -5.0118,
20.9024

■ 47.6110, -13.1192,
54.7152

■ 93.8770, -3.3904,
14.1399

■ 39.9000, -14.7407,
61.4777

■ 101.5880, -1.7689,
7.3773

■ 32.8900, -16.2148,
67.6255

■ 109.2990, -0.1474,
0.6148

■ 117.0100, 1.4741,
-6.1478

■ 124.7210, 3.0955,
-12.9103

■ 132.4320, 4.7170,
-19.6729

■ 140.1430, 6.3385,
-26.4354

Harmonies

Analogous

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



71.9530, 1.5022, 31.6132



70.7440, -8.2548, 34.4275



69.9360, -16.2374, 28.1201

Triad

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



70.7440, -8.2548, 34.4275



63.4630, -9.1023, -20.5771



62.3000, 24.9951, -37.0971

Complementary

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



70.7440, -8.2548, 34.4275



93.2560, 8.2548, -34.4275

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.



58.3430, 23.0019, -51.1668



70.7440, -8.2548, 34.4275



55.0710, 5.3880, -48.2973

Square

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



70.7440, -8.2548, 34.4275



67.2930, -17.8924, -1.1340



57.5790, 14.9976, -50.4968



70.9020, 18.7823, -4.2991

Rectangle

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



70.7440, -8.2548, 34.4275



69.5560, -19.9941, 19.6834



57.5790, 14.9976, -50.4968



57.2660, 26.4909, -50.2223

Sweetspot

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



70.7440, -8.2548, 34.4275



127.5780, -3.2430, 13.5251



77.1280, 16.2059, 28.8287



62.5880, -1.7689, 7.3773



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



70.7440, -8.2548, 34.4275



82.0130, -12.8244, 53.4856



87.1800, -16.3577, 20.0131



51.7940, -0.8844, 3.6887



35.8800, -17.6888, 73.7732



73.8530, -36.4095, 151.8499

Inverse Universe

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



93.2560, 8.2548, -34.4275



116.9870, 12.8244, -53.4856



76.8200, 16.3577, -20.0131



54.2060, 0.8844, -3.6887



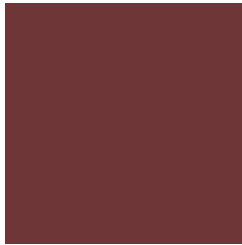
84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Previews

White Background



This preview shows how the YUV color 70.7440, -8.2548, 34.4275 looks on a white background.

Color Contrast Check

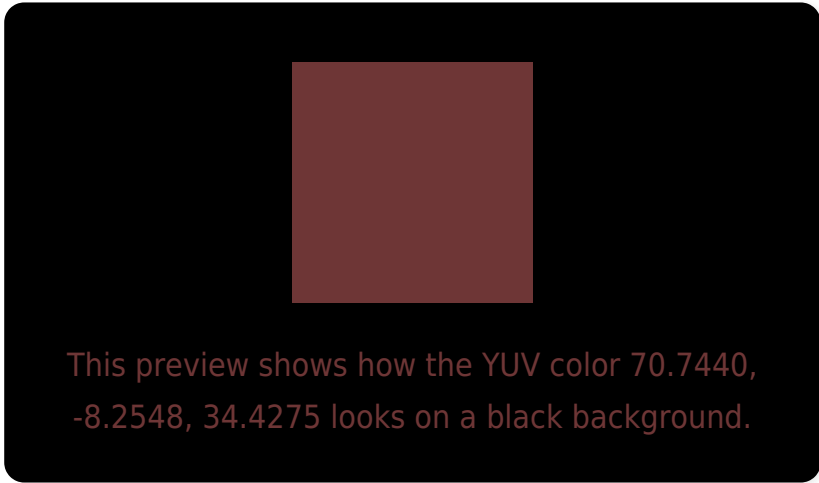
Large Text (above 18pt) WCAG AA ✓ Pass

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

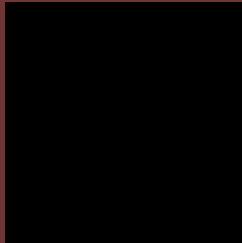
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.7440, -8.2548, 34.4275

Background



This preview shows how black text looks on a background with the YUV color 70.7440, -8.2548, 34.4275.

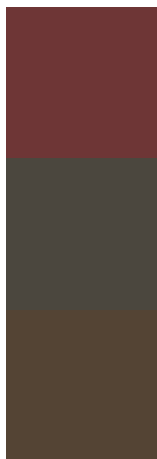


This preview shows how white text looks on a background with the YUV color 70.7440, -8.2548,

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

70.7440, -8.2548, 34.4275

Protanopia

71.1700, -4.5208, 3.3589

Deuteranopia

70.9600, -9.3473, 11.4361



Tritanopia

70.4990, -6.6550, 34.6424

Trichromacy



Original Color

70.7440, -8.2548, 34.4275

Protanomaly

71.1930, -6.0111, 14.7397

Deuteranomaly

70.8300, -8.7902, 19.4431

Tritanomaly

70.3850, -7.0918, 34.7424

Monochromacy



Original Color

70.7440, -8.2548, 34.4275

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9800, -2.9481, 12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.7440, -8.2548, 34.4275 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(110, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(110, 54, 54)  
}
```

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(110, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 54, 54) }
```

Border

The CSS property to change the border of an element to YUV 70.7440, -8.2548, 34.4275 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(110, 54, 54) }
```


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

```
.border{ border-color:rgb(110, 54, 54) }
```

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

Here you see how a box with a 4 pixel rgb(110, 54, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(110, 54,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 70.7440, -8.2548, 34.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 54, 54) }
```

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

```
.background{ background-color: rgb(110, 54,  
54) }
```

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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