

Converting Colors

YUV(71.3720, -4.1274, 17.2138)

Have a look what the booklet for
YUV(71.3720, -4.1274, 17.2138)
contains.

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Color

**YUV(71.3720, -4.1274,
17.2138)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3F3F
RGB	91, 63, 63
RGB Percent	36%, 25%, 25%
CMY	0.6431, 0.7529, 0.7529
CMYK	0.00, 0.31, 0.31, 0.64
HSL	0°, 18%, 30%
HSV	0°, 31%, 36%
XYZ	6.9891, 6.1380, 5.5190
YIQ	71.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

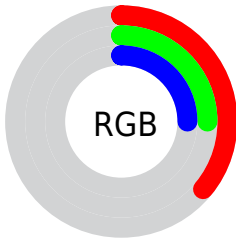
Format	Color
RYB	91, 63, 63
Decimal	5979967
CIELab	29.76, 12.24, 4.88
CIElCh	30, 13.177, 21.720
Yxy	6.1380, 0.3748, 0.3292
Android (android.graphics.Color)	4284170047 (0xFF5B3F3F)
YUV	71.3720, -4.1274, 17.2138
Hunter-Lab	24.7751, 6.9988, 4.1348

Details

The YUV color **71.3720, -4.1274, 17.2138** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.6280, 4.1274, -17.2138**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.2690, -4.5696, 19.0581**, and **27.2900, -3.1010, 14.6547** is the 20% darker color. If you saturate the color by 10%, you get **65.0630, -5.4541, 22.7467**, and if you desaturate by 10%, it is **77.6810, -2.8007, 11.6808**.

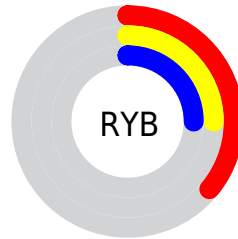
Distribution



 Red (36%)

 Green (25%)

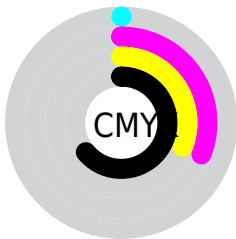
 Blue (25%)



 Red (36%)

 Yellow (25%)

 Blue (25%)

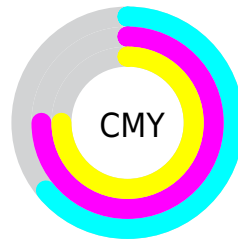


 Cyan (0%)

 Magenta (31%)

 Yellow (31%)

 Black (64%)



 Cyan (64%)

 Magenta (75%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3720, -4.1274, 17.2138 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 71.3720, -4.1274, 17.2138 by changing the saturation by 10% instead.

■ 71.3720, -4.1274,
17.2138

■ 71.3720, -4.1274,
17.2138

■ 255.0000, 0.0000,
0.0000

■ 48.7740, -3.8326,
15.9842

■ 120.2690, -4.5696,
19.0581

■ 27.2900, -3.1010,
14.6547

■ 145.8670, -4.8644,
20.2876

■ 7.2900, -3.1010,
14.6547

■ 172.7530, -5.3012,
20.3876

■ 0.0000, 0.0000,
0.0000

■ 200.0520, -5.4486,
21.0024

■ 227.7640, -5.3067,
22.1320

■ 248.5770, -1.7635,

5.6330

■ 71.3720, -4.1274,
17.2138

■ 71.3720, -4.1274,
17.2138

■ 65.0630, -5.4541,
22.7467

■ 77.6810, -2.8007,
11.6808

■ 58.7540, -6.7807,
28.2797

■ 83.9900, -1.4741,
6.1478

■ 52.4450, -8.1074,
33.8127

■ 90.2990, -0.1474,
0.6148

■ 46.1360, -9.4340,
39.3457

■ 96.6080, 1.1793,
-4.9182

■ 39.1260, -10.9081,
45.4935

■ 103.6180, 2.6533,
-11.0660

■ 32.8170, -12.2348,
51.0265

■ 109.9270, 3.9800,
-16.5990

■ 27.2090, -13.4140,
55.9447

■ 116.2360, 5.3067,
-22.1320

■ 122.5450, 6.6333,
-27.6650

■ 128.8540, 7.9600,
-33.1980

Harmonies

Analogous

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



71.9140, 0.5354, 14.9844



71.3720, -4.1274, 17.2138



70.6230, -8.1951, 15.2396

Triad

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



71.3720, -4.1274, 17.2138



67.2780, -5.0671, -8.1368



68.6700, 10.5157, -12.8656

Complementary

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



71.3720, -4.1274, 17.2138



82.6280, 4.1274, -17.2138

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.



66.0990, 9.8112, -20.2578



71.3720, -4.1274, 17.2138



66.3030, 0.3436, -16.9287

Square

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



71.3720, -4.1274, 17.2138



69.0080, -8.8779, 0.8700



65.6490, 5.5960, -21.6172



70.3940, 9.1728, -2.0995

Rectangle

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



71.3720, -4.1274, 17.2138



69.9600, -9.3473, 11.4361



65.6490, 5.5960, -21.6172



67.6480, 10.5265, -16.3543

Sweetspot

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



71.3720, -4.1274, 17.2138



109.9900, -1.4741, 6.1478



74.5640, 8.1029, 14.4144



54.0930, -1.0318, 4.3034



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



71.3720, -4.1274, 17.2138



86.8570, -6.3385, 26.4354



79.5900, -8.1789, 10.0066



42.4950, -0.7370, 3.0739



32.8900, -16.2148, 67.6255



70.8630, -34.9355, 145.7021

Inverse Universe

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



82.6280, 4.1274, -17.2138



104.1430, 6.3385, -26.4354



74.4100, 8.1789, -10.0066



44.5050, 0.7370, -3.0739



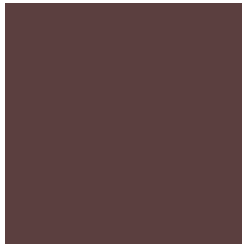
77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Previews

White Background



This preview shows how the YUV color 71.3720, -4.1274, 17.2138 looks on a white background.

Color Contrast Check

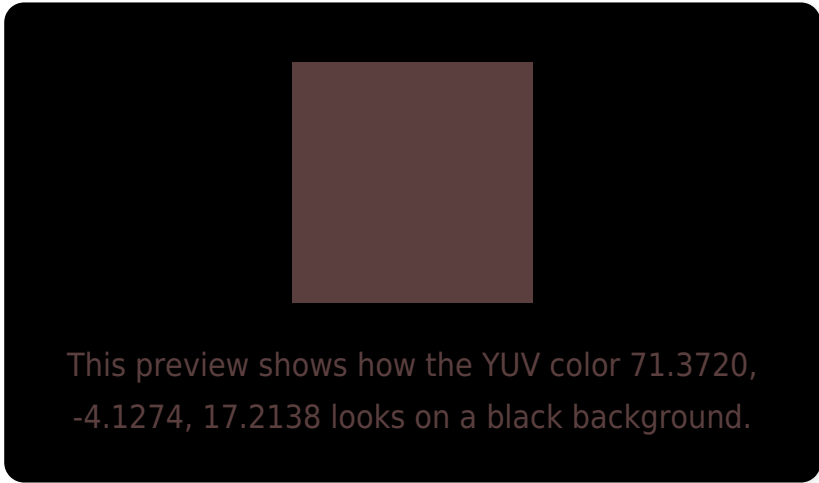
Large Text (above 18pt) WCAG AA ✓ Pass

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

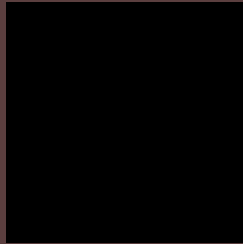
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.3720, -4.1274, 17.2138

Background



This preview shows how black text looks on a background with the YUV color 71.3720, -4.1274, 17.2138.

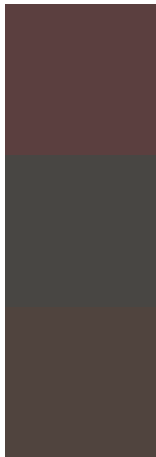


This preview shows how white text looks on a background with the YUV color 71.3720, -4.1274,

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

71.3720, -4.1274, 17.2138

Protanopia

70.2560, -1.6052, 1.5295

Deuteranopia

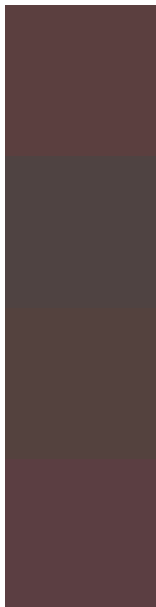
70.9040, -4.3897, 7.9772



Tritanopia

71.2410, -2.0908, 17.3286

Trichromacy



Original Color

71.3720, -4.1274, 17.2138

Protanomaly

70.4740, -2.2057, 7.4773

Deuteranomaly

70.9260, -4.4005, 11.4659

Tritanomaly

71.1270, -2.5276, 17.4286

Monochromacy



Original Color

71.3720, -4.1274, 17.2138

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3720, -4.1274, 17.2138 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(91, 63, 63)` looks like.

```
.text, #text, p{  
    color:rgb(91, 63, 63)  
}
```

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(91, 63, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 63, 63) }
```

Border

The CSS property to change the border of an element to YUV 71.3720, -4.1274, 17.2138 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(91, 63, 63) }
```


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

```
.border{ border-color:rgb(91, 63, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 63, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 63, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 63, 63);  
box-shadow:4px 4px 4px 4px rgb(91, 63, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.3720, -4.1274, 17.2138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 63, 63) }
```

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

```
.background{ background-color: rgb(91, 63,  
63) }
```

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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