

Converting Colors

YUV(71.2030, -4.5371, 8.5920)

Have a look what the booklet for
YUV(71.2030, -4.5371, 8.5920)
contains.

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Color

**YUV(71.2030, -4.5371,
8.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	51443E
RGB	81, 68, 62
RGB Percent	32%, 27%, 24%
CMY	0.6824, 0.7333, 0.7569
CMYK	0.00, 0.16, 0.23, 0.68
HSL	19°, 13%, 28%
HSV	19°, 23%, 32%
XYZ	6.3300, 6.2314, 5.4266
YIQ	71.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

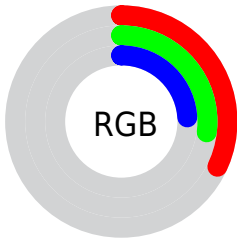
Format	Color
RYB	81, 71, 62
Decimal	5325886
CIELab	29.99, 4.44, 5.69
CIElCh	30, 7.219, 52.016
Yxy	6.2314, 0.3519, 0.3464
Android (android.graphics.Color)	4283515966 (0xFF51443E)
YUV	71.2030, -4.5371, 8.5920
Hunter-Lab	24.9627, 1.5787, 4.5850

Details

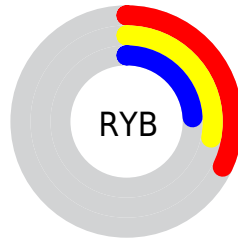
The YUV color **71.2030, -4.5371, 8.5920** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **71.7970, 4.5371, -8.5920**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6870, -5.2687, 9.9215**, and **27.7190, -3.8055, 7.2624** is the 20% darker color. If you saturate the color by 10%, you get **66.7690, -6.2951, 12.4806**, and if you desaturate by 10%, it is **75.6370, -2.7790, 4.7034**.

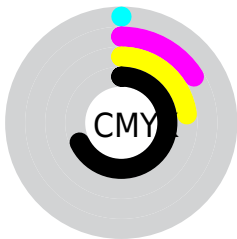
Distribution



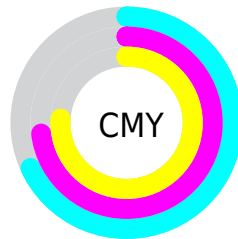
- Red (32%)
- Green (27%)
- Blue (24%)



- Red (32%)
- Yellow (28%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (68%)



- Cyan (68%)
- Magenta (73%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2030, -4.5371, 8.5920 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 71.2030, -4.5371, 8.5920 by changing the saturation by 10% instead.

■ 71.2030, -4.5371,
8.5920

■ 71.2030, -4.5371,
8.5920

■ 255.0000, 0.0000,
0.0000

■ 48.9040, -4.3897,
7.9772

■ 119.6870, -5.2687,
9.9215

■ 27.7190, -3.8055,
7.2624

■ 145.6870, -5.2687,
9.9215

■ 3.2890, -1.6215,
6.7625

■ 171.9860, -5.4161,
10.5363

■ 0.0000, 0.0000,
0.0000

■ 198.9860, -5.4161,
10.5363

■ 227.2850, -5.5635,
11.1511

■ 251.9850, -3.9366,

2.6442

■ 71.2030, -4.5371,
8.5920

■ 71.2030, -4.5371,
8.5920

■ 66.7690, -6.2951,
12.4806

■ 75.6370, -2.7790,
4.7034

■ 62.9220, -8.3425,
15.8544

■ 79.4840, -0.7316,
1.3295

■ 58.4880, -10.1006,
19.7430

■ 83.9180, 1.0264,
-2.5591

■ 54.6410, -12.1480,
23.1168

■ 87.7650, 3.0739,
-5.9329

■ 50.2070, -13.9061,
27.0055

■ 92.3130, 5.2687,
-9.9215

■ 46.2460, -16.3903,
30.4793

■ 96.1600, 7.3161,
-13.2953

■ 41.8120, -18.1483,
34.3679

■ 100.5940, 9.0742,
-17.1839

■ 39.4810, -19.4641,
36.4122

■ 104.4410, 11.1216,
-20.5578

■ 108.8750, 12.8796,
-24.4464

Harmonies

Analogous

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



71.7840, -2.3585, 9.8364



71.2030, -4.5371, 8.5920



70.9530, -5.3998, 5.3032

Triad

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



71.2030, -4.5371, 8.5920



68.9450, 0.0271, -8.7218



71.2540, 4.8048, -1.0998

Complementary

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



71.2030, -4.5371, 8.5920



71.7970, 4.5371, -8.5920

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.



70.4490, 5.6946, -6.5328



71.2030, -4.5371, 8.5920



68.7320, 3.0901, -11.1660

Square

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



71.2030, -4.5371, 8.5920



69.2830, -2.6045, -4.6332



69.1990, 4.8319, -9.8215



71.8310, 3.0413, 4.5332

Rectangle

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



71.2030, -4.5371, 8.5920



70.3440, -5.0996, 2.3293



69.1990, 4.8319, -9.8215



70.3570, 5.2470, -2.9441

Sweetspot

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



71.2030, -4.5371, 8.5920



101.1530, -2.0474, 3.3738



69.1630, 2.8776, 10.3810



51.6690, -1.3158, 2.0443



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



71.2030, -4.5371, 8.5920



89.8400, -7.3161, 13.2953



76.4860, -7.1416, 3.9588



38.7830, -0.8790, 1.9443



50.7660, -25.0276, 47.5632



112.2190, -55.3240, 105.0479

Inverse Universe

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



71.7970, 4.5371, -8.5920



90.1600, 7.3161, -13.2953



66.5140, 7.1416, -3.9588



39.2170, 0.8790, -1.9443



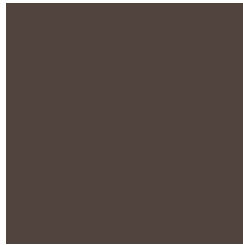
54.2340, 25.0276, -47.5632



119.7810, 55.3240, -105.0479

Previews

White Background



This preview shows how the YUV color 71.2030, -4.5371, 8.5920 looks on a white background.

Color Contrast Check

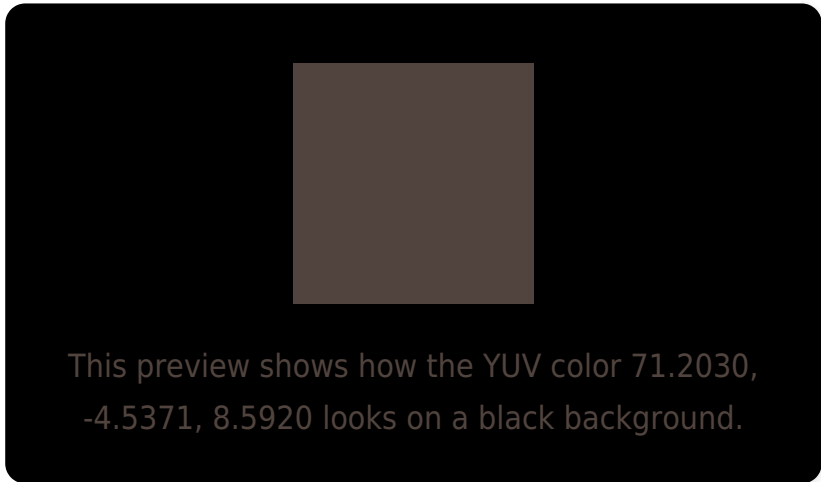
Large Text (above 18pt) WCAG AA ✓ Pass

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

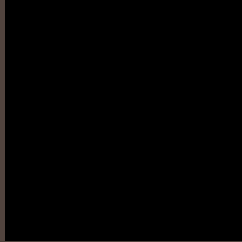
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.2030, -4.5371, 8.5920

Background



This preview shows how black text looks on a background with the YUV color 71.2030, -4.5371, 8.5920.

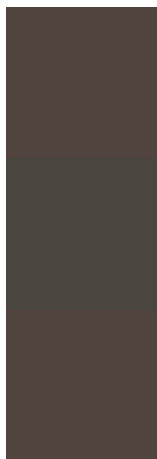


This preview shows how white text looks on a background with the YUV color 71.2030, -4.5371,

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

71.2030, -4.5371, 8.5920

Protanopia

70.3980, -3.6472, 3.1590

Deuteranopia

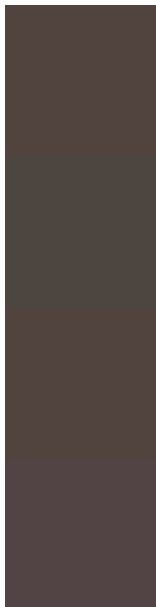
71.2030, -4.5371, 8.5920



Tritanopia

72.0550, -0.0271, 8.7218

Trichromacy



Original Color

71.2030, -4.5371, 8.5920

Protanomaly

70.7080, -3.8000, 5.5181

Deuteranomaly

71.2030, -4.5371, 8.5920

Tritanomaly

71.5990, -1.7743, 9.1217

Monochromacy



Original Color

71.2030, -4.5371, 8.5920

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2670, -1.6106, 3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2030, -4.5371, 8.5920 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(81, 68, 62)` looks like.

```
.text, #text, p{  
    color:rgb(81, 68, 62)  
}
```

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(81, 68, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 68, 62) }
```

Border

The CSS property to change the border of an element to YUV 71.2030, -4.5371, 8.5920 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(81, 68, 62) }
```


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

```
.border{ border-color:rgb(81, 68, 62) }
```

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

Here you see how a box with a 4 pixel rgb(81, 68, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 68, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 68, 62);  
box-shadow:4px 4px 4px 4px rgb(81, 68, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.2030, -4.5371, 8.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 68, 62) }
```

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

```
.background{ background-color: rgb(81, 68,  
62) }
```

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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