

Converting Colors

YUV(71.2310, -7.0159, 10.3214)

Have a look what the booklet for
YUV(71.2310, -7.0159, 10.3214)
contains.

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Color

**YUV(71.2310, -7.0159,
10.3214)**

Conversions

Conversions Part 1

Format	Color
Hex	534439
RGB	83, 68, 57
RGB Percent	33%, 27%, 22%
CMY	0.6745, 0.7333, 0.7765
CMYK	0.00, 0.18, 0.31, 0.67
HSL	25°, 19%, 27%
HSV	25°, 31%, 33%
XYZ	6.3729, 6.2687, 4.7450
YIQ	71.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

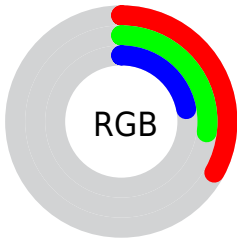
Format	Color
RYB	83, 76, 57
Decimal	5456953
CIELab	30.08, 4.51, 9.07
CIELCh	30, 10.126, 63.578
Yxy	6.2687, 0.3665, 0.3605
Android (android.graphics.Color)	4283647033 (0xFF534439)
YUV	71.2310, -7.0159, 10.3214
Hunter-Lab	25.0373, 1.6197, 6.2897

Details

The YUV color **71.2310, -7.0159, 10.3214** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **68.7690, 7.0159, -10.3214**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7150, -7.7475, 11.6509**, and **27.6330, -6.7211, 9.0919** is the 20% darker color. If you saturate the color by 10%, you get **67.3840, -9.0633, 13.6952**, and if you desaturate by 10%, it is **75.0780, -4.9685, 6.9476**.

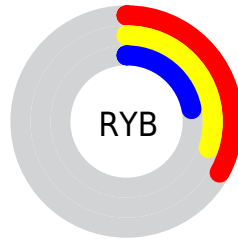
Distribution



 Red (33%)

 Green (27%)

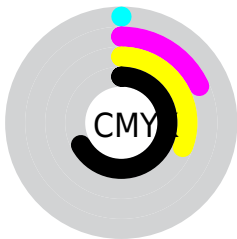
 Blue (22%)



 Red (33%)

 Yellow (30%)

 Blue (22%)

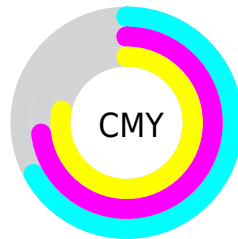


 Cyan (0%)

 Magenta (18%)

 Yellow (31%)

 Black (67%)



 Cyan (67%)

 Magenta (73%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2310, -7.0159, 10.3214 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 71.2310, -7.0159, 10.3214 by changing the saturation by 10% instead.

■ 71.2310, -7.0159,
10.3214

■ 71.2310, -7.0159,
10.3214

■ 255.0000, 0.0000,
0.0000

■ 48.9320, -6.8685,
9.7066

■ 119.7150, -7.7475,
11.6509

■ 27.6330, -6.7211,
9.0919

■ 145.6010, -8.1843,
11.7509

■ 3.5880, -1.7689,
7.3773

■ 171.9000, -8.3317,
12.3657

■ 0.0000, 0.0000,
0.0000

■ 199.1990, -8.4791,
12.9805

■ 227.4980, -8.6265,
13.5953

■ 251.3010, -6.5574,

3.2440

■ 71.2310, -7.0159,
10.3214

■ 71.2310, -7.0159,
10.3214

■ 67.3840, -9.0633,
13.6952

■ 75.0780, -4.9685,
6.9476

■ 63.4230, -11.5475,
17.1690

■ 79.0390, -2.4842,
3.4738

■ 60.1630, -13.8844,
20.0280

■ 82.2990, -0.1474,
0.6148

■ 56.3160, -15.9318,
23.4019

■ 86.1460, 1.9000,
-2.7590

■ 52.3550, -18.4160,
26.8757

■ 89.9930, 3.9475,
-6.1329

■ 48.5080, -20.4634,
30.2495

■ 93.9540, 6.4317,
-9.6067

■ 45.3620, -22.3635,
33.0085

■ 97.8010, 8.4791,
-12.9805

■ 101.0610, 10.8159,
-15.8395

■ 105.0220, 13.3002,
-19.3133

Harmonies

Analogous

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



71.8230, -4.8427, 13.3102



71.2310, -7.0159, 10.3214



70.6710, -7.7258, 4.6735

Triad

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



71.2310, -7.0159, 10.3214



67.7810, 2.0800, -13.8399



71.9060, 5.9623, 0.9594

Complementary

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



71.2310, -7.0159, 10.3214



68.7690, 7.0159, -10.3214

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.



70.3180, 7.7312, -6.4179



71.2310, -7.0159, 10.3214



67.9810, 5.4324, -15.7693

Square

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



71.2310, -7.0159, 10.3214



68.6630, -2.2989, -9.3515



69.2740, 7.7529, -13.3953



72.1520, 2.8831, 8.6367

Rectangle

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



71.2310, -7.0159, 10.3214



69.5780, -6.6940, 0.3701



69.2740, 7.7529, -13.3953



71.1230, 6.8414, -0.9849

Sweetspot

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



71.2310, -7.0159, 10.3214



102.9250, -2.9210, 3.5738



66.4840, 2.7194, 14.4845



50.9680, -1.4632, 2.6591



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.



71.2310, -7.0159, 10.3214



88.8250, -11.2527, 15.9395



78.8620, -10.7780, 3.6290



38.7830, -0.8790, 1.9443



57.2230, -28.2109, 41.9004



126.8940, -62.5587, 92.1780

Inverse Universe

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



68.7690, 7.0159, -10.3214



84.7620, 10.9633, -16.4543



61.1380, 10.7780, -3.6290



38.6300, 1.1684, -1.4295



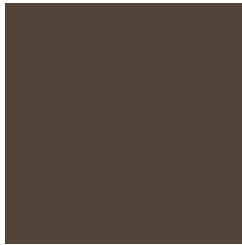
47.1900, 28.5003, -41.3856



105.1060, 62.5587, -92.1780

Previews

White Background



This preview shows how the YUV color 71.2310, -7.0159, 10.3214 looks on a white background.

Color Contrast Check

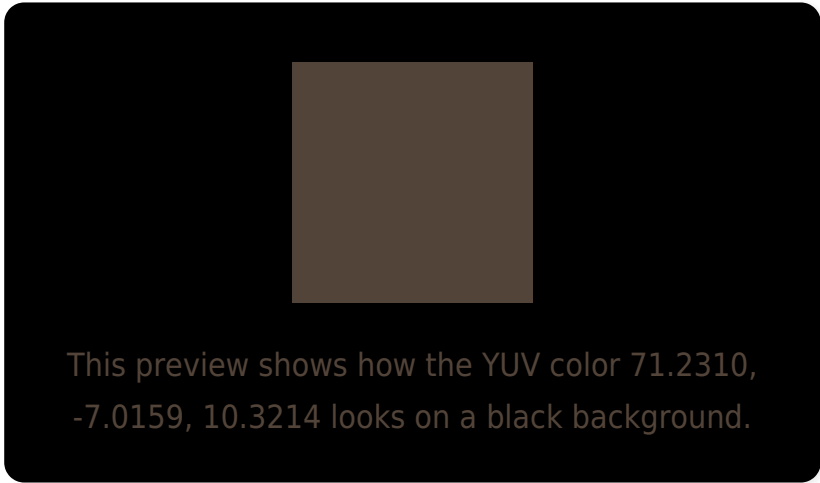
Large Text (above 18pt) WCAG AA ✓ Pass

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

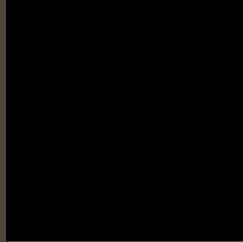
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.2310, -7.0159, 10.3214

Background



This preview shows how black text looks on a background with the YUV color 71.2310, -7.0159, 10.3214.

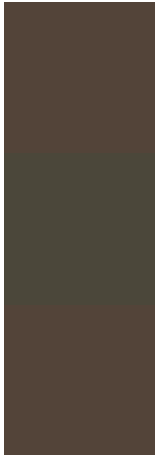


This preview shows how white text looks on a background with the YUV color 71.2310, -7.0159,

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

71.2310, -7.0159, 10.3214

Protanopia

70.7140, -6.2680, 3.7588

Deuteranopia

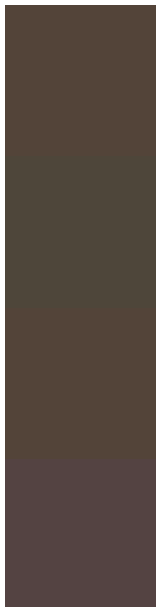
71.2310, -7.0159, 10.3214



Tritanopia

72.2510, -0.6167, 11.1809

Trichromacy



Original Color

71.2310, -7.0159, 10.3214

Protanomaly

71.0240, -6.4208, 6.1180

Deuteranomaly

71.2310, -7.0159, 10.3214

Tritanomaly

71.9690, -2.9427, 10.5512

Monochromacy



Original Color

71.2310, -7.0159, 10.3214

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2310, -7.0159, 10.3214 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(83, 68, 57)` looks like.

```
.text, #text, p{  
    color:rgb(83, 68, 57)  
}
```

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(83, 68, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 68, 57) }
```

Border

The CSS property to change the border of an element to YUV 71.2310, -7.0159, 10.3214 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(83, 68, 57) }
```


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

```
.border{ border-color:rgb(83, 68, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 68, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 68, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 68, 57);  
box-shadow:4px 4px 4px 4px rgb(83, 68, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.2310, -7.0159, 10.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 68, 57) }
```

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

```
.background{ background-color: rgb(83, 68,  
57) }
```

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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