

Converting Colors

YUV(51.1570, -7.9654, 34.9423)

Have a look what the booklet for
YUV(51.1570, -7.9654, 34.9423)
contains.

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Color

**YUV(51.1570, -7.9654,
34.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2223
RGB	91, 34, 35
RGB Percent	36%, 13%, 14%
CMY	0.6431, 0.8667, 0.8627
CMYK	0.00, 0.63, 0.62, 0.64
HSL	359°, 46%, 25%
HSV	359°, 63%, 36%
XYZ	5.1898, 3.4896, 1.9901
YIQ	51.1570, 33.6510, 12.3950

Conversions

Conversions Part 2

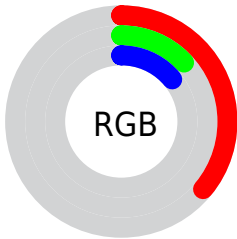
Format	Color
RYB	91, 34, 35
Decimal	5972515
CIELab	21.91, 26.30, 12.67
CIElCh	22, 29.192, 25.730
Yxy	3.4896, 0.4864, 0.3271
Android (android.graphics.Color)	4284162595 (0xFF5B2223)
YUV	51.1570, -7.9654, 34.9423
Hunter-Lab	18.6803, 16.9004, 6.7597

Details

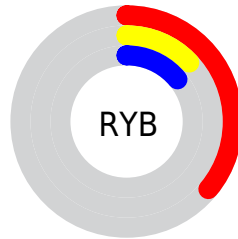
The YUV color **51.1570, -7.9654, 34.9423** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **73.8430, 7.9654, -34.9423**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.9080, -10.3076, 39.5457**, and **12.8570, -6.3385, 26.4354** is the 20% darker color. If you saturate the color by 10%, you get **44.8480, -9.2921, 40.4753**, and if you desaturate by 10%, it is **57.4660, -6.6387, 29.4093**.

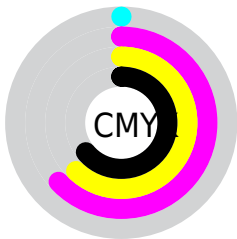
Distribution



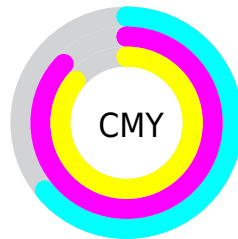
- Red (36%)
- Green (13%)
- Blue (14%)



- Red (36%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (63%)
- Yellow (62%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.1570, -7.9654, 34.9423 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 51.1570, -7.9654, 34.9423 by changing the saturation by 10% instead.

■ 51.1570, -7.9654,
34.9423

■ 51.1570, -7.9654,
34.9423

■ 255.0000, 0.0000,
0.0000

■ 26.9010, -6.3602,
33.4128

■ 99.9080, -10.3076,
39.5457

■ 12.8570, -6.3385,
26.4354

■ 125.3920,
-11.0393, 40.8752

■ 0.0000, 0.0000,
0.0000

■ 151.5880,
-11.6289, 43.3343

■ 179.0720,
-12.3605, 44.6639

■ 205.4740,
-12.0657, 43.4343

■ 225.1020, -7.9383,

26.2205

245.3170, -4.1003,
8.4920

51.1570, -7.9654,
34.9423

51.1570, -7.9654,
34.9423

44.8480, -9.2921,
40.4753

57.4660, -6.6387,
29.4093

38.5390, -10.6187,
46.0083

63.7750, -5.3121,
23.8763

32.2300, -11.9454,
51.5413

70.0840, -3.9854,
18.3433

27.4370, -12.5404,
55.7448

76.3930, -2.6587,
12.8103

83.2890, -1.6215,
6.7625

■ 89.5980, -0.2948,
1.2296

■ 95.9070, 1.0318,
-4.3034

■ 102.2160, 2.3585,
-9.8364

■ 108.4110, 3.2484,
-15.2694

Harmonies

Analogous

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



52.0780, 1.9335, 33.2576



51.1570, -7.9654, 34.9423



51.1100, -16.8162, 27.0905

Triad

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



51.1570, -7.9654, 34.9423



43.3700, -8.0704, -24.8805



43.8160, 25.7267, -38.4266

Complementary

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



51.1570, -7.9654, 34.9423



73.8430, 7.9654, -34.9423

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.



45.8390, 20.7854, -40.2008



51.1570, -7.9654, 34.9423



42.5670, 3.1715, -37.3313

Square

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



51.1570, -7.9654, 34.9423



47.9400, -19.1974, -2.5784



45.0750, 12.7810, -39.5308



52.7170, 19.3665, -5.0138

Rectangle

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



51.1570, -7.9654, 34.9423



50.5020, -21.4465, 18.8537



45.0750, 12.7810, -39.5308



44.7620, 24.2743, -39.2563

Sweetspot

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



51.1570, -7.9654, 34.9423



101.5780, -3.2430, 13.5251



56.9430, 16.7901, 28.1140



49.1860, -2.0637, 8.6069



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.



51.1570, -7.9654, 34.9423



55.5400, -12.0982, 53.9004



66.8920, -16.2158, 21.1427



42.4950, -0.7370, 3.0739



33.1180, -15.3412, 67.4255



71.3190, -33.1883, 145.3022

Inverse Universe

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



51.1570, -7.9654, 34.9423



55.5400, -12.0982, 53.9004



58.1080, 16.2158, -21.1427



42.4950, -0.7370, 3.0739



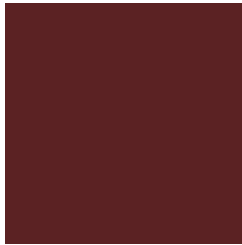
33.1180, -15.3412, 67.4255



71.3190, -33.1883, 145.3022

Previews

White Background



This preview shows how the YUV color 51.1570, -7.9654, 34.9423 looks on a white background.

Color Contrast Check

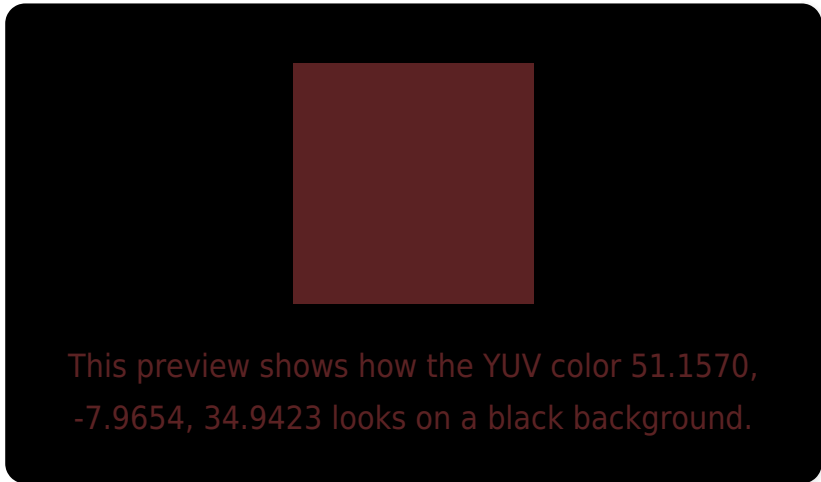
Large Text (above 18pt) WCAG AA ✓ Pass

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

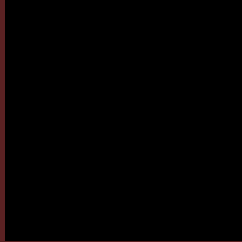
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.1570, -7.9654, 34.9423

Background



This preview shows how black text looks on a background with the YUV color 51.1570, -7.9654, 34.9423.

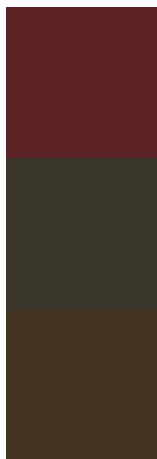


This preview shows how white text looks on a background with the YUV color 51.1570, -7.9654,

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

51.1570, -7.9654, 34.9423

Protanopia

53.0560, -4.9576, 3.4589

Deuteranopia

53.0200, -10.3629, 10.5065



Tritanopia

51.2710, -7.5286, 34.8423

Trichromacy



Original Color

51.1570, -7.9654, 34.9423

Protanomaly

52.1930, -6.0111, 14.7397

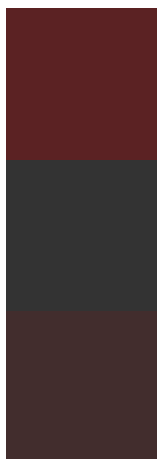
Deuteranomaly

52.3030, -9.5164, 19.0283

Tritanomaly

51.2710, -7.5286, 34.8423

Monochromacy



Original Color

51.1570, -7.9654, 34.9423

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.2790, -3.0955, 12.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.1570, -7.9654, 34.9423 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, 34, 35)` looks like.

```
.text, #text, p{  
    color:rgb(91, 34, 35)  
}
```

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, 34, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 34, 35) }
```

Border

The CSS property to change the border of an element to YUV 51.1570, -7.9654, 34.9423 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, 34, 35) }
```


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

```
.border{ border-color:rgb(91, 34, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 34, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 34, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 34, 35);  
box-shadow:4px 4px 4px 4px rgb(91, 34, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.1570, -7.9654, 34.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 34, 35) }
```

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

```
.background{ background-color: rgb(91, 34,  
35) }
```

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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