

Converting Colors

YUV(51.4970, -17.0070,
41.6601)

Have a look what the booklet for
YUV(51.4970, -17.0070, 41.6601)
contains.

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Color

**YUV(51.4970, -17.0070,
41.6601)**

Conversions

Conversions Part 1

Format	Color
Hex	632211
RGB	99, 34, 17
RGB Percent	39%, 13%, 7%
CMY	0.6118, 0.8667, 0.9333
CMYK	0.00, 0.66, 0.83, 0.61
HSL	12°, 71%, 23%
HSV	12°, 83%, 39%
XYZ	5.8188, 3.8372, 0.9643
YIQ	51.4970, 44.1970, 8.4930

Conversions

Conversions Part 2

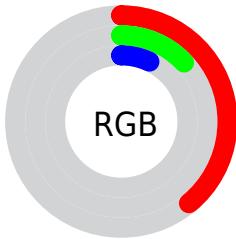
Format	Color
R_YB	99, 38, 17
Decimal	6496785
CIE Lab	23.13, 28.42, 26.08
CIE LCh	23, 38.570, 42.544
Yxy	3.8372, 0.5479, 0.3613
Android (android.graphics.Color)	4284686865 (0xFF632211)
YUV	51.4970, -17.0070, 41.6601
Hunter-Lab	19.5887, 18.7429, 10.7935

Details

The YUV color **51.4970, -17.0070, 41.6601** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **64.5030, 17.0070, -41.6601**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3190, -20.3703, 47.0782**, and **14.0530, -6.9281, 28.8945** is the 20% darker color. If you saturate the color by 10%, you get **45.6610, -19.0599, 46.7783**, and if you desaturate by 10%, it is **57.3330, -14.9542, 36.5420**.

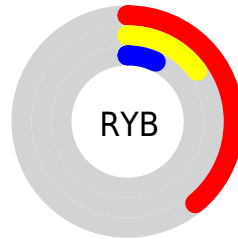
Distribution



Red (39%)

Green (13%)

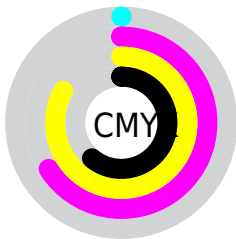
Blue (7%)



Red (39%)

Yellow (15%)

Blue (7%)

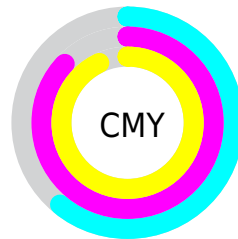


Cyan (0%)

Magenta (66%)

Yellow (83%)

Black (61%)



Cyan (61%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4970, -17.0070, 41.6601 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 51.4970, -17.0070, 41.6601 by changing the saturation by 10% instead.

■ 51.4970, -17.0070,
41.6601

■ 51.4970, -17.0070,
41.6601

■ 253.6320, -5.2416,
1.1997

■ 26.8110, -13.2178,
39.6308

■ 101.3190,
-20.3703, 47.0782

■ 14.0530, -6.9281,
28.8945

■ 126.8140,
-21.1073, 50.1521

■ 0.0000, 0.0000,
0.0000

■ 153.4830,
-22.4231, 52.1964

■ 181.1520,
-23.7389, 54.2407

■ 203.6670,
-21.5278, 45.0190

■ 223.1810,

-17.8372, 27.9053

■ 242.6950,
-14.1466, 10.7915

■ 51.4970, -17.0070,
41.6601

■ 51.4970, -17.0070,
41.6601

■ 45.6610, -19.0599,
46.7783

■ 57.3330, -14.9542,
36.5420

■ 41.9280, -20.6705,
50.0521

■ 63.1690, -12.9013,
31.4238

■ 69.0050, -10.8485,
26.3056

■ 74.2540, -8.5062,
21.7022

■ 80.0900, -6.4534,
16.5841

■ 85.8120, -4.8373,
11.5659

■ 91.6480, -2.7845,
6.4477

■ 97.4840, -0.7316,
1.3295

■ 103.3200, 1.3212,
-3.7886

Harmonies

Analogous

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



50.2110, -3.0620, 48.9270



51.4970, -17.0070, 41.6601



52.1070, -25.6888, 26.2162

Triad

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



51.4970, -17.0070, 41.6601



43.5470, -3.2277, -38.1907



45.0530, 33.0049, -39.5115

Complementary

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



51.4970, -17.0070, 41.6601



64.5030, 17.0070, -41.6601

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.



49.5210, 29.8161, -43.4299



51.4970, -17.0070, 41.6601



47.5540, 9.5869, -41.7049

Square

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



51.4970, -17.0070, 41.6601



45.1290, -19.2906, -19.4071



50.0450, 21.6698, -43.8895



56.4680, 20.4753, 12.7446

Rectangle

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



51.4970, -17.0070, 41.6601



52.0190, -25.6454, 12.2613



50.0450, 21.6698, -43.8895



46.9280, 32.5735, -41.1559

Sweetspot

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



51.4970, -17.0070, 41.6601



109.0900, -6.4534, 16.5841



49.0420, 16.7413, 43.8132



53.0290, -3.9583, 9.6216



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



51.4970, -17.0070, 41.6601



54.2350, -26.2449, 64.6919



74.9770, -28.5827, 21.0682



45.7830, -0.8790, 1.9443



46.9890, -23.1656, 57.0146



101.1100, -49.8472, 121.8065

Inverse Universe

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



64.5030, 17.0070, -41.6601



74.1780, 26.5342, -64.1771



41.0230, 28.5827, -21.0682



46.2170, 0.8790, -1.9443



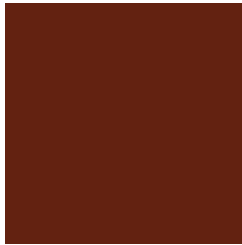
65.0110, 23.1656, -57.0146



138.8900, 49.8472, -121.8065

Previews

White Background



This preview shows how the YUV color 51.4970, -17.0070, 41.6601 looks on a white background.

Color Contrast Check

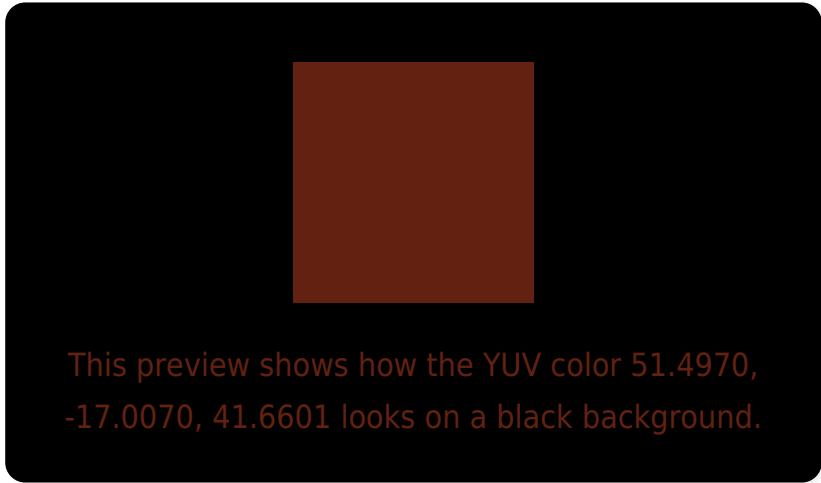
Large Text (above 18pt) WCAG AA ✓ Pass

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

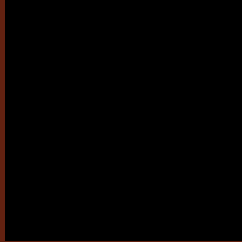
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.4970, -17.0070, 41.6601

Background



This preview shows how black text looks on a background with the YUV color 51.4970, -17.0070, 41.6601.

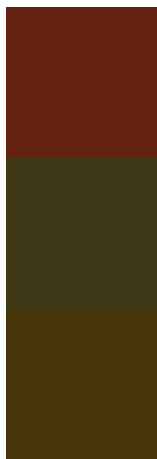


This preview shows how white text looks on a background with the YUV color 51.4970, -17.0070,

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

51.4970, -17.0070, 41.6601

Protanopia

54.9180, -15.7356, 7.0879

Deuteranopia

54.0670, -21.7250, 14.8502



Tritanopia

52.5600, -9.1501, 41.6049

Trichromacy



Original Color

51.4970, -17.0070, 41.6601

Protanomaly

53.8810, -16.2103, 19.3984

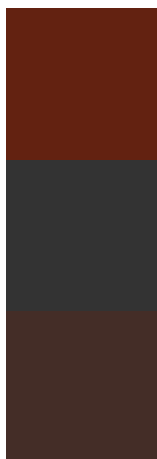
Deuteranomaly

53.2900, -19.8630, 24.3017

Tritanomaly

52.4630, -12.0603, 41.6899

Monochromacy



Original Color

51.4970, -17.0070, 41.6601

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1930, -6.0111, 14.7397

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4970, -17.0070, 41.6601 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(99, 34, 17)` looks like.

```
.text, #text, p{  
    color:rgb(99, 34, 17)  
}
```

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(99, 34, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 34, 17) }
```

Border

The CSS property to change the border of an element to YUV 51.4970, -17.0070, 41.6601 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(99, 34, 17) }
```


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

```
.border{ border-color:rgb(99, 34, 17) }
```

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

Here you see how a box with a 4 pixel rgb(99, 34, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 34, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 34, 17);  
box-shadow:4px 4px 4px 4px rgb(99, 34, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.4970, -17.0070, 41.6601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 34, 17) }
```

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

```
.background{ background-color: rgb(99, 34,  
17) }
```

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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