

Converting Colors

YUV(51.5770, -15.0745,
28.4350)

Have a look what the booklet for
YUV(51.5770, -15.0745, 28.4350)
contains.

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Color

**YUV(51.5770, -15.0745,
28.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	542915
RGB	84, 41, 21
RGB Percent	33%, 16%, 8%
CMY	0.6706, 0.8392, 0.9176
CMYK	0.00, 0.51, 0.75, 0.67
HSL	19°, 60%, 21%
HSV	19°, 75%, 33%
XYZ	4.5845, 3.5248, 1.1482
YIQ	51.5770, 32.0480, 2.8960

Conversions

Conversions Part 2

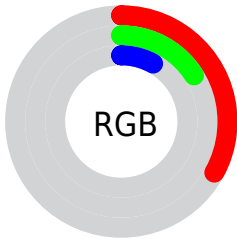
Format	Color
RYB	84, 50, 21
Decimal	5515541
CIELab	22.03, 18.07, 21.72
CIELCh	22, 28.250, 50.243
Yxy	3.5248, 0.4952, 0.3808
Android (android.graphics.Color)	4283705621 (0xFF542915)
YUV	51.5770, -15.0745, 28.4350
Hunter-Lab	18.7745, 10.7315, 9.5162

Details

The YUV color **51.5770, -15.0745, 28.4350** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **53.4230, 15.0745, -28.4350**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3280, -17.4167, 33.0383**, and **10.7640, -5.3067, 22.1320** is the 20% darker color. If you saturate the color by 10%, you get **47.1430, -16.8325, 32.3236**, and if you desaturate by 10%, it is **56.0110, -13.3164, 24.5464**.

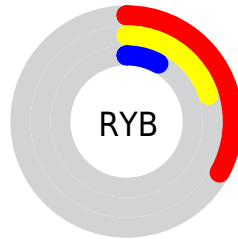
Distribution



 Red (33%)

 Green (16%)

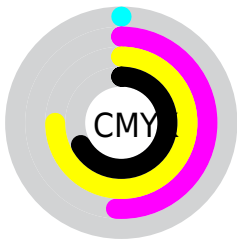
 Blue (8%)




 Red (33%)

 Yellow (20%)

 Blue (8%)

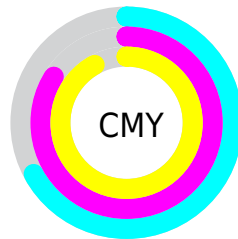


 Cyan (0%)

 Magenta (51%)

 Yellow (75%)

 Black (67%)



 Cyan (67%)

 Magenta (84%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.5770, -15.0745, 28.4350 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 51.5770, -15.0745, 28.4350 by changing the saturation by 10% instead.

■ 51.5770, -15.0745,
28.4350

■ 51.5770, -15.0745,
28.4350

■ 254.2020, -3.0576,
0.6998

■ 28.7940, -14.1954,
26.4907

■ 99.3280, -17.4167,
33.0383

■ 10.7640, -5.3067,
22.1320

■ 125.1110,
-18.2957, 34.9827

■ 0.0000, 0.0000,
0.0000

■ 150.8940,
-19.1747, 36.9270

■ 178.0790,
-19.7589, 37.6417

■ 205.8620,
-20.6380, 39.5860

■ 226.6860,

-17.1002, 24.8314

■ 246.2000,
-13.4096, 7.7176

■ 51.5770, -15.0745,
28.4350

■ 51.5770, -15.0745,
28.4350

■ 47.1430, -16.8325,
32.3236

■ 56.0110, -13.3164,
24.5464

■ 43.1820, -19.3167,
35.7974

■ 59.9720, -10.8322,
21.0726

■ 40.9650, -20.1957,
37.7417

■ 64.4060, -9.0742,
17.1839

■ 68.9540, -6.8793,
13.1953

■ 73.3880, -5.1213,
9.3067

■ 77.2350, -3.0739,
5.9329

■ 81.7830, -0.8790,
1.9443

■ 86.2170, 0.8790,
-1.9443

■ 90.7650, 3.0739,
-5.9329

Harmonies

Analogous

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



51.6130, -6.2182, 34.5424



51.5770, -15.0745, 28.4350



50.6050, -21.0043, 17.0094

Triad

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



51.5770, -15.0745, 28.4350



41.5240, 1.7137, -36.4165



52.0970, 19.6722, -9.7321

Complementary

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



51.5770, -15.0745, 28.4350



53.4230, 15.0745, -28.4350

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.



44.1750, 24.5637, -38.7415



51.5770, -15.0745, 28.4350



44.6190, 11.0338, -39.1309

Square

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



51.5770, -15.0745, 28.4350



45.2460, -9.9813, -18.6327



45.4970, 19.4750, -39.9009



54.4160, 12.6129, 14.5442

Rectangle

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



51.5770, -15.0745, 28.4350



49.5390, -20.9717, 6.5433



45.4970, 19.4750, -39.9009



49.0030, 22.1835, -21.9276

Sweetspot

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



51.5770, -15.0745, 28.4350



96.4700, -6.1477, 11.8658



44.7390, 9.4957, 34.4319



47.7190, -3.8055, 7.2624



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



51.5770, -15.0745, 28.4350



58.7980, -23.5644, 44.9042



69.7740, -24.0456, 12.4762



38.7830, -0.8790, 1.9443



50.7660, -25.0276, 47.5632



112.8060, -55.6134, 104.5331

Inverse Universe

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



53.4230, 15.0745, -28.4350



61.6150, 23.8538, -44.3894



35.2260, 24.0456, -12.4762



39.2170, 0.8790, -1.9443



53.6470, 25.3170, -47.0484



119.1940, 55.6134, -104.5331

Previews

White Background



This preview shows how the YUV color 51.5770, -15.0745, 28.4350 looks on a white background.

Color Contrast Check

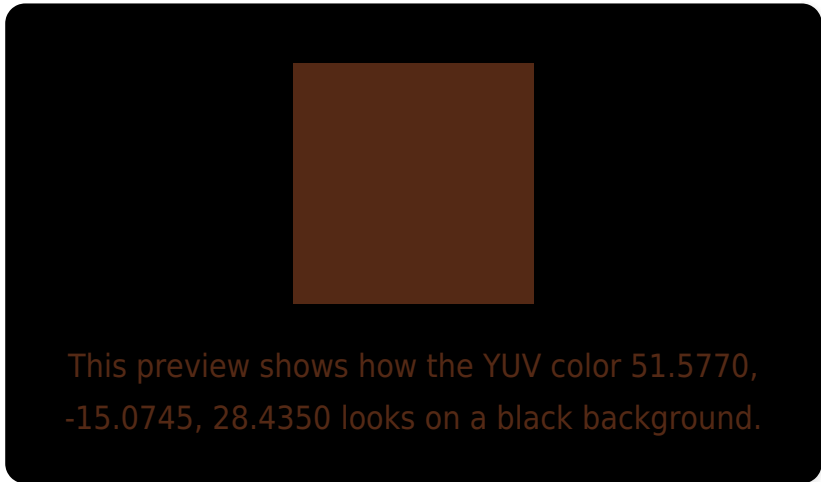
Large Text (above 18pt) WCAG AA ✓ Pass

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

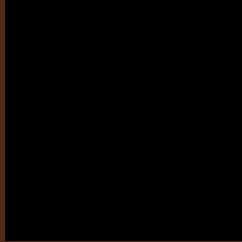
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.5770, -15.0745, 28.4350

Background



This preview shows how black text looks on a background with the YUV color 51.5770, -15.0745, 28.4350.

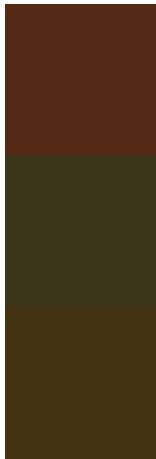


This preview shows how white text looks on a background with the YUV color 51.5770, -15.0745,

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

51.5770, -15.0745, 28.4350

Protanopia

52.1890, -13.4042, 5.9732

Deuteranopia

52.0220, -16.7728, 13.1357



Tritanopia

52.9820, -5.9071, 28.0798

Trichromacy



Original Color

51.5770, -15.0745, 28.4350

Protanomaly

51.8310, -13.7207, 14.1802

Deuteranomaly

51.5820, -16.0629, 18.7836

Tritanomaly

52.7710, -9.2541, 28.2648

Monochromacy



Original Color

51.5770, -15.0745, 28.4350

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9860, -5.4161, 10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.5770, -15.0745, 28.4350 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(84, 41, 21)` looks like.

```
.text, #text, p{  
    color:rgb(84, 41, 21)  
}
```

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(84, 41, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 41, 21) }
```

Border

The CSS property to change the border of an element to YUV 51.5770, -15.0745, 28.4350 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(84, 41, 21) }
```


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

```
.border{ border-color:rgb(84, 41, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 41, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 41, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 41, 21);  
box-shadow:4px 4px 4px 4px rgb(84, 41, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.5770, -15.0745, 28.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 41, 21) }
```

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

```
.background{ background-color: rgb(84, 41,  
21) }
```

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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