

Converting Colors

YUV(51.9650, -3.4337, 28.0947)

Have a look what the booklet for
YUV(51.9650, -3.4337, 28.0947)
contains.

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Color

**YUV(51.9650, -3.4337,
28.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	54252D
RGB	84, 37, 45
RGB Percent	33%, 15%, 18%
CMY	0.6706, 0.8549, 0.8235
CMYK	0.00, 0.56, 0.46, 0.67
HSL	350°, 39%, 24%
HSV	350°, 56%, 33%
XYZ	4.7914, 3.3974, 2.8859
YIQ	51.9650, 25.4440, 12.4520

Conversions

Conversions Part 2

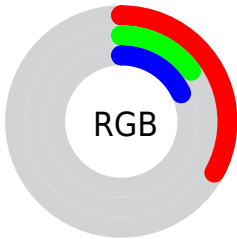
Format	Color
R_{YB}	84, 37, 45
Decimal	5514541
CIE _{Lab}	21.57, 22.76, 5.15
CIE _{LCh}	22, 23.339, 12.736
Yxy	3.3974, 0.4326, 0.3068
Android (android.graphics.Color)	4283704621 (0xFF54252D)
YUV	51.9650, -3.4337, 28.0947
Hunter-Lab	18.4321, 14.1445, 3.6196

Details

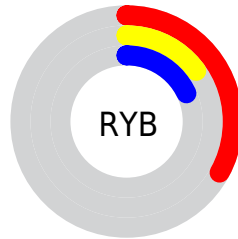
The YUV color **51.9650, -3.4337, 28.0947** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **69.0350, 3.4337, -28.0947**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.6450, -4.7550, 31.8833**, and **11.6610, -5.7489, 23.9763** is the 20% darker color. If you saturate the color by 10%, you get **46.4710, -4.1762, 32.9129**, and if you desaturate by 10%, it is **57.4590, -2.6913, 23.2765**.

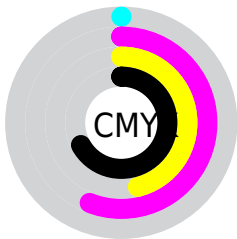
Distribution



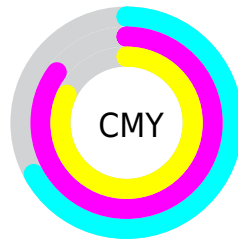
- Red (33%)
- Green (15%)
- Blue (18%)



- Red (33%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (56%)
- Yellow (46%)
- Black (67%)



- Cyan (67%)
- Magenta (85%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.9650, -3.4337, 28.0947 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 51.9650, -3.4337, 28.0947 by changing the saturation by 10% instead.

■ 51.9650, -3.4337,
28.0947

■ 51.9650, -3.4337,
28.0947

■ 255.0000, 0.0000,
0.0000

■ 29.1820, -2.5547,
26.1504

■ 99.6450, -4.7550,
31.8833

■ 11.6610, -5.7489,
23.9763

■ 125.2430, -5.0498,
33.1129

■ 0.0000, 0.0000,
0.0000

■ 151.7270, -5.7814,
34.4424

■ 178.4390, -5.6394,
35.5720

■ 206.0370, -5.9342,
36.8016

■ 227.7580, -2.8387,

23.8912

247.9730, 0.9993,
6.1627

51.9650, -3.4337,
28.0947

51.9650, -3.4337,
28.0947

46.4710, -4.1762,
32.9129

57.4590, -2.6913,
23.2765

40.3900, -4.6293,
38.2460

63.5400, -2.2382,
17.9434

34.8960, -5.3717,
43.0642

69.0340, -1.4958,
13.1252

28.8150, -5.8248,
48.3972

75.1150, -1.0427,
7.7921

26.7120, -6.2670,
50.2416

80.6090, -0.3002,
2.9739

■ 86.1030, 0.4422,
-1.8443

■ 92.1840, 0.8953,
-7.1774

■ 97.6780, 1.6377,
-11.9956

■ 103.7590, 2.0908,
-17.3286

Harmonies

Analogous

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



52.6960, 4.5869, 22.1916



51.9650, -3.4337, 28.0947



51.5920, -11.1379, 25.7908

Triad

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



51.9650, -3.4337, 28.0947



47.0730, -10.8820, -9.7110



42.4480, 20.4851, -37.2269

Complementary

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



51.9650, -3.4337, 28.0947



69.0350, 3.4337, -28.0947

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.



43.1830, 15.6858, -37.8715



51.9650, -3.4337, 28.0947



41.6880, -0.3392, -31.2984

Square

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



51.9650, -3.4337, 28.0947



49.3800, -16.4563, 4.9287



41.9460, 8.4076, -36.7866



50.0920, 17.2096, -13.2357

Rectangle

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



51.9650, -3.4337, 28.0947



50.9350, -14.7580, 20.2280



41.9460, 8.4076, -36.7866



43.3940, 19.0328, -38.0565

Sweetspot

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



51.9650, -3.4337, 28.0947



97.0230, -1.4903, 11.3808



53.7200, 14.9280, 18.6626



48.5170, -0.7479, 6.5626



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.



51.9650, -3.4337, 28.0947



59.6080, -5.2297, 44.1938



59.8580, -11.2690, 21.1725



38.1960, -0.5896, 2.4591



33.4470, -7.6154, 62.7520



73.8140, -17.1633, 138.7291

Inverse Universe

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



51.9650, -3.4337, 28.0947



59.6080, -5.2297, 44.1938



61.1420, 11.2690, -21.1725



38.1960, -0.5896, 2.4591



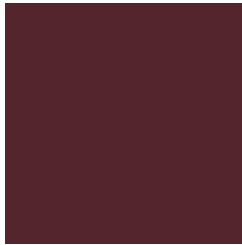
33.4470, -7.6154, 62.7520



73.8140, -17.1633, 138.7291

Previews

White Background



This preview shows how the YUV color 51.9650, -3.4337, 28.0947 looks on a white background.

Color Contrast Check

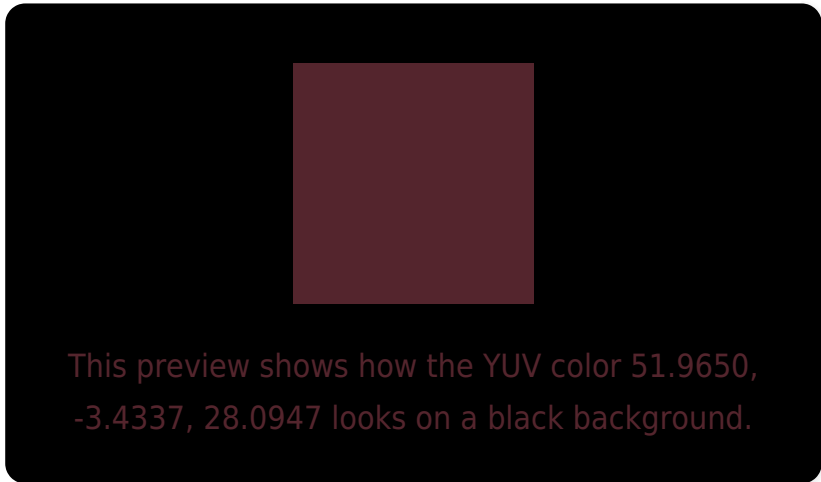
Large Text (above 18pt) WCAG AA ✓ Pass

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

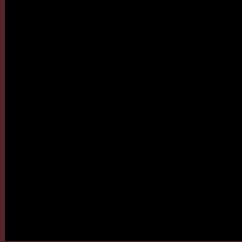
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.9650, -3.4337, 28.0947

Background



This preview shows how black text looks on a background with the YUV color 51.9650, -3.4337, 28.0947.



This preview shows how white text looks on a background with the YUV color 51.9650, -3.4337,

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

51.9650, -3.4337, 28.0947

Protanopia

52.4130, 0.2894, 0.5148

Deuteranopia

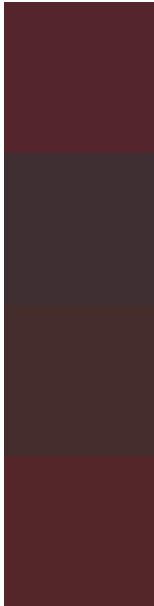
52.4910, -4.6791, 7.4624



Tritanopia

51.9820, -5.9071, 28.0798

Trichromacy



Original Color

51.9650, -3.4337, 28.0947

Protanomaly

52.4250, -1.1955, 10.1513

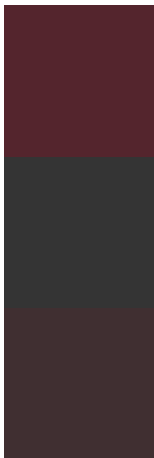
Deuteranomaly

52.0620, -3.9746, 14.8546

Tritanomaly

52.2100, -5.0335, 27.8798

Monochromacy



Original Color

51.9650, -3.4337, 28.0947

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3110, -1.6323, 10.2513

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.9650, -3.4337, 28.0947 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, 37, 45)` looks like.

```
.text, #text, p{  
    color:rgb(84, 37, 45)  
}
```

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, 37, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 37, 45) }
```

Border

The CSS property to change the border of an element to YUV 51.9650, -3.4337, 28.0947 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, 37, 45) }
```


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

```
.border{ border-color:rgb(84, 37, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 37, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 37, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 37, 45);  
box-shadow:4px 4px 4px 4px rgb(84, 37, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.9650, -3.4337, 28.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 37, 45) }
```

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

```
.background{ background-color: rgb(84, 37,  
45) }
```

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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