

Converting Colors

YUV(63.1250, 3.8824, 14.7994)

Have a look what the booklet for
YUV(63.1250, 3.8824, 14.7994)
contains.

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Color

**YUV(63.1250, 3.8824,
14.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	503547
RGB	80, 53, 71
RGB Percent	31%, 21%, 28%
CMY	0.6863, 0.7922, 0.7216
CMYK	0.00, 0.34, 0.11, 0.69
HSL	320°, 20%, 26%
HSV	320°, 34%, 31%
XYZ	5.7187, 4.7066, 6.5683
YIQ	63.1250, 10.3140, 11.3220

Conversions

Conversions Part 2

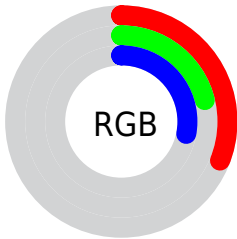
Format	Color
R_{YB}	80, 53, 71
Decimal	5256519
CIE Lab	25.88, 15.40, -6.23
CIE LCh	26, 16.611, 337.980
Yxy	4.7066, 0.3365, 0.2770
Android (android.graphics.Color)	4283446599 (0xFF503547)
YUV	63.1250, 3.8824, 14.7994
Hunter-Lab	21.6947, 9.0866, -2.7643

Details

The YUV color **63.1250, 3.8824, 14.7994** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **69.8750, -3.8824, -14.7994**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1360, 3.8770, 16.5437**, and **19.5270, 4.1772, 13.5698** is the 20% darker color. If you saturate the color by 10%, you get **58.0870, 4.8871, 19.2177**, and if you desaturate by 10%, it is **68.1630, 2.8776, 10.3810**.

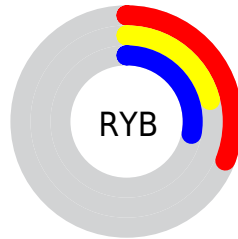
Distribution



Red (31%)

Green (21%)

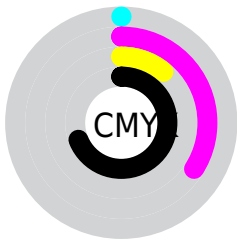
Blue (28%)



Red (31%)

Yellow (21%)

Blue (28%)

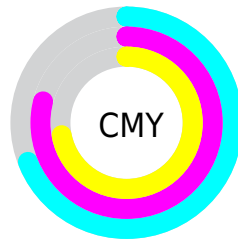


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (69%)



Cyan (69%)

Magenta (79%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.1250, 3.8824, 14.7994 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 63.1250, 3.8824, 14.7994 by changing the saturation by 10% instead.

63.1250, 3.8824,
14.7994

63.1250, 3.8824,
14.7994

255.0000, 0.0000,
0.0000

40.8260, 4.0298,
14.1846

111.1360, 3.8770,
16.5437

19.5270, 4.1772,
13.5698

136.5490, 4.1663,
17.0585

0.0000, 0.0000,
0.0000

162.9620, 4.4557,
17.5733

190.2610, 4.3083,
18.1881

217.6740, 4.5977,
18.7029

242.6730, 6.0772,

10.8108

■ 63.1250, 3.8824,
14.7994

■ 63.1250, 3.8824,
14.7994

■ 58.0870, 4.8871,
19.2177

■ 68.1630, 2.8776,
10.3810

■ 53.1630, 6.3286,
23.5360

■ 73.0870, 1.4361,
6.0627

■ 48.1250, 7.3334,
27.9544

■ 78.1250, 0.4314,
1.6444

■ 43.0870, 8.3381,
32.3727

■ 83.1630, -0.5734,
-2.7740

■ 38.1630, 9.7796,
36.6910

■ 88.0870, -2.0149,
-7.0923

■ 33.1250, 10.7844,
41.1094

■ 93.1250, -3.0196,
-11.5106

■ 29.9620, 11.3577,
43.8833

■ 98.1630, -4.0244,
-15.9290

■ 103.0870, -5.4659,
-20.2473

■ 108.1250, -6.4706,
-24.6656

Harmonies

Analogous

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



62.7260, 9.0091, 3.7483



63.1250, 3.8824, 14.7994



62.8500, -2.3911, 20.3026

Triad

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



63.1250, 3.8824, 14.7994



60.5310, -12.0938, 5.6733



52.7770, 11.4489, -32.2534

Complementary

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



63.1250, 3.8824, 14.7994



69.8750, -3.8824, -14.7994

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.



54.0890, 4.8861, -27.2651



63.1250, 3.8824, 14.7994



58.6760, -8.7143, -4.9779

Square

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



63.1250, 3.8824, 14.7994



61.1130, -11.3947, 14.8099



56.5050, -2.7140, -16.2289



56.4020, 13.6058, -24.0316

Rectangle

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



63.1250, 3.8824, 14.7994



62.5250, -6.1748, 20.5876



56.5050, -2.7140, -16.2289



53.0220, 9.8492, -32.4683

Sweetspot

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



63.1250, 3.8824, 14.7994



98.0870, 1.4361, 6.0627



58.7690, 10.4669, 2.8336



49.5490, 0.7153, 3.9035



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.



63.1250, 3.8824, 14.7994



78.0490, 5.8918, 23.6360



61.6430, -1.7960, 16.0991



38.4240, 0.2840, 2.2592



39.3750, 15.0981, 57.5531



87.0380, 33.5053, 127.1317

Inverse Universe

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



63.1250, 3.8824, 14.7994



78.0490, 5.8918, 23.6360



71.3570, 1.7960, -16.0991



38.4240, 0.2840, 2.2592



39.3750, 15.0981, 57.5531



87.0380, 33.5053, 127.1317

Previews

White Background



This preview shows how the YUV color 63.1250, 3.8824, 14.7994 looks on a white background.

Color Contrast Check

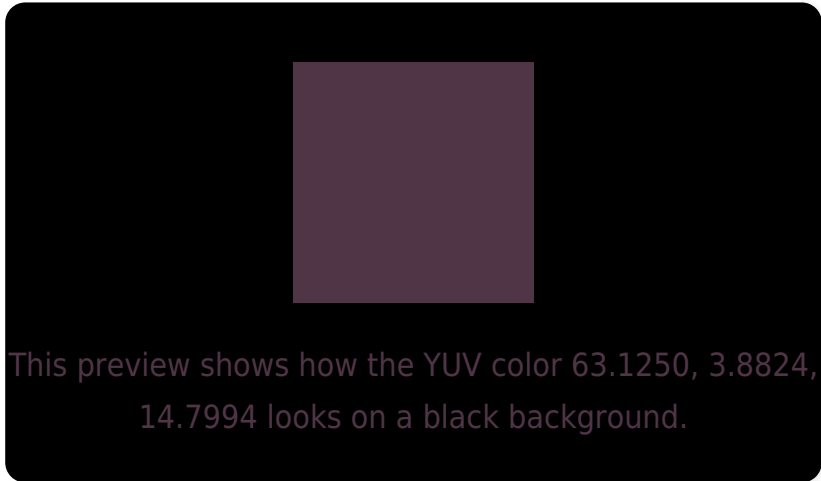
Large Text (above 18pt) WCAG AA ✓ Pass

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

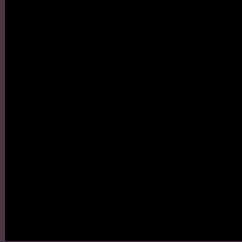
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.1250, 3.8824, 14.7994

Background



This preview shows how black text looks on a background with the YUV color 63.1250, 3.8824, 14.7994.



This preview shows how white text looks on a background with the YUV color 63.1250, 3.8824,

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

63.1250, 3.8824, 14.7994

Protanopia

61.8130, 6.9942, -3.3440

Deuteranopia

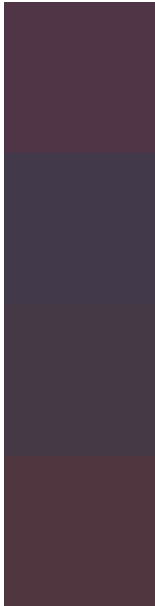
62.3360, 3.7784, 1.4593



Tritanopia

62.6320, -1.7906, 14.3547

Trichromacy



Original Color

63.1250, 3.8824, 14.7994

Protanomaly

62.2160, 5.8095, 3.3186

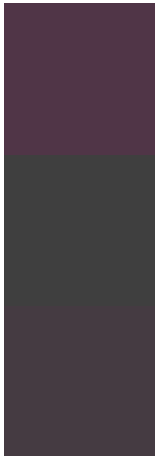
Deuteranomaly

62.3690, 3.7621, 6.6924

Tritanomaly

62.5010, 0.2460, 14.4696

Monochromacy



Original Color

63.1250, 3.8824, 14.7994

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7880, 1.5835, 5.4479

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1250, 3.8824, 14.7994 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(80, 53, 71)` looks like.

```
.text, #text, p{  
    color:rgb(80, 53, 71)  
}
```

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(80, 53, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 53, 71) }
```

Border

The CSS property to change the border of an element to YUV 63.1250, 3.8824, 14.7994 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(80, 53, 71) }
```


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

```
.border{ border-color:rgb(80, 53, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 53, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 53, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 53, 71);  
box-shadow:4px 4px 4px 4px rgb(80, 53, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.1250, 3.8824, 14.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 53, 71) }
```

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

```
.background{ background-color: rgb(80, 53,  
71) }
```

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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