

Converting Colors

YUV(47.1250, 3.8824, 14.7994)

Have a look what the booklet for
YUV(47.1250, 3.8824, 14.7994)
contains.

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Color

**YUV(47.1250, 3.8824,
14.7994)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 402537 |
| RGB | 64, 37, 55 |
| RGB Percent | 25%, 15%, 22% |
| CMY | 0.7490, 0.8549, 0.7843 |
| CMYK | 0.00, 0.42, 0.14, 0.75 |
| HSL | 320°, 27%, 20% |
| HSV | 320°, 42%, 25% |
| XYZ | 3.4655, 2.6890, 3.9508 |
| YIQ | 47.1250, 10.3140, 11.3220 |

Conversions

Conversions Part 2

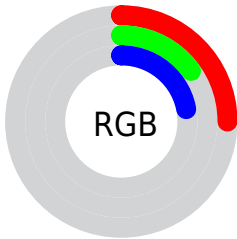
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 64, 37, 55 |
| Decimal | 4203831 |
| CIELab | 18.75, 16.00, -6.29 |
| CIELCh | 19, 17.196, 338.530 |
| Yxy | 2.6890, 0.3429, 0.2661 |
| Android (android.graphics.Color) | 4282393911 (0xFF402537) |
| YUV | 47.1250, 3.8824, 14.7994 |
| Hunter-Lab | 16.3980, 9.0270, -2.8062 |

Details

The YUV color **47.1250, 3.8824, 14.7994** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.8750, -3.8824, -14.7994**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.2500, 4.3137, 16.4438**, and **7.2340, 1.8566, 11.1958** is the 20% darker color. If you saturate the color by 10%, you get **43.3750, 4.7451, 18.0881**, and if you desaturate by 10%, it is **50.8750, 3.0196, 11.5106**.

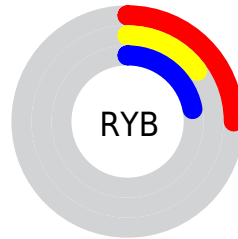
Distribution



Red (25%)

Green (15%)

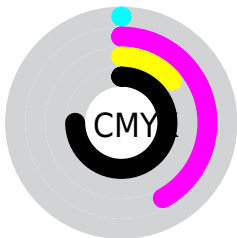
Blue (22%)



Red (25%)

Yellow (15%)

Blue (22%)

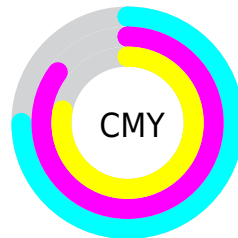


Cyan (0%)

Magenta (42%)

Yellow (14%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.1250, 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 47.1250, 3.8824, 14.7994 by changing the saturation by 10% instead.

■ 47.1250, 3.8824,
14.7994

■ 47.1250, 3.8824,
14.7994

■ 255.0000, 0.0000,
0.0000

■ 25.5270, 4.1772,
13.5698

■ 93.2500, 4.3137,
16.4438

■ 7.2340, 1.8566,
11.1958

■ 118.5490, 4.1663,
17.0585

■ 0.0000, 0.0000,
0.0000

■ 144.2610, 4.3083,
18.1881

■ 170.5600, 4.1609,
18.8029

■ 197.9730, 4.4503,
19.3177

■ 225.9730, 4.4503,

19.3177

246.7820, 4.0515,
7.2072

47.1250, 3.8824,
14.7994

47.1250, 3.8824,
14.7994

43.3750, 4.7451,
18.0881

50.8750, 3.0196,
11.5106

39.0380, 5.8973,
21.8917

55.2120, 1.8675,
7.7071

35.2880, 6.7600,
25.1804

58.9620, 1.0047,
4.4183

30.8370, 7.4754,
29.0840

63.4130, 0.2894,
0.5148

27.0870, 8.3381,
32.3727

67.1630, -0.5734,
-2.7740

■ 24.0380, 9.3483,
35.0467

■ 70.9130, -1.4361,
-6.0627

■ 75.2500, -2.5882,
-9.8663

■ 79.0000, -3.4510,
-13.1550

■ 83.3370, -4.6031,
-16.9585

Harmonies

Analogous

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



47.0250, 8.8617, 4.3631



47.1250, 3.8824, 14.7994



46.5510, -2.2436, 19.6878

Triad

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



47.1250, 3.8824, 14.7994



44.2320, -11.9464, 5.0585



37.4780, 11.5963, -32.8682

Complementary

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



47.1250, 3.8824, 14.7994



53.8750, -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.



36.1100, 6.3548, -31.6685



47.1250, 3.8824, 14.7994



42.7900, -8.2775, -5.0778

Square

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



47.1250, 3.8824, 14.7994



45.5150, -11.0999, 13.5803



40.0210, -1.9824, -17.5584



38.4230, 15.0745, -28.4350

Rectangle

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



47.1250, 3.8824, 14.7994



46.2260, -6.0274, 19.9728



40.0210, -1.9824, -17.5584



37.0220, 9.8492, -32.4683

Sweetspot

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



47.1250, 3.8824, 14.7994



77.2010, 1.8729, 5.9627



42.7690, 10.4669, 2.8336



38.6630, 1.1521, 3.8035



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



47.1250, 3.8824, 14.7994



57.1630, 6.3286, 23.5360



45.6430, -1.7960, 16.0991



31.1250, 0.4314, 1.6444



36.4130, 14.0934, 53.1348



84.0760, 32.5005, 122.7133

Inverse Universe

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



47.1250, 3.8824, 14.7994



57.1630, 6.3286, 23.5360



55.3570, 1.7960, -16.0991



31.1250, 0.4314, 1.6444



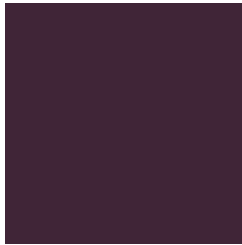
36.4130, 14.0934, 53.1348



84.0760, 32.5005, 122.7133

Previews

White Background



This preview shows how the YUV color 47.1250, 3.8824, 14.7994 looks on a white background.

Color Contrast Check

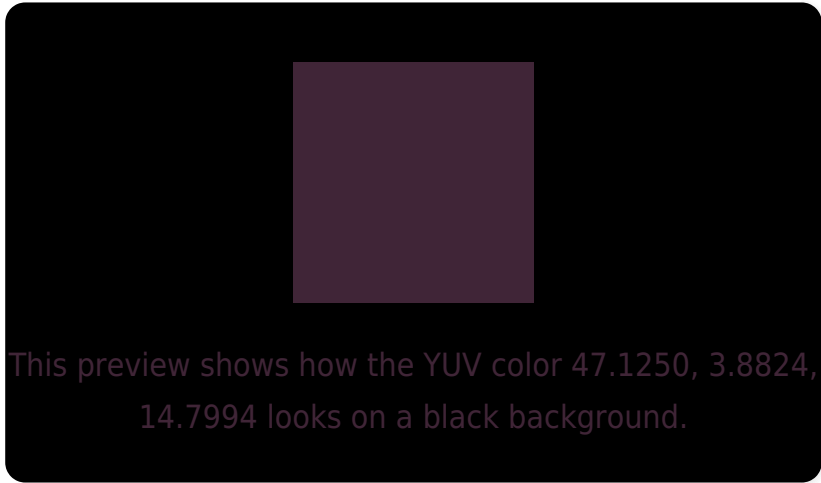
Large Text (above 18pt) WCAG AA ✓ Pass

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

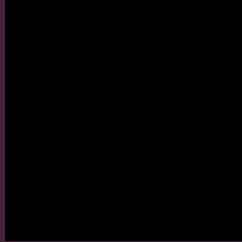
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.1250, 3.8824, 14.7994

Background



This preview shows how black text looks on a background with the YUV color 47.1250, 3.8824, 14.7994.



This preview shows how white text looks on a background with the YUV color 47.1250, 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

47.1250, 3.8824, 14.7994

Protanopia

46.5140, 7.1416, -3.9588

Deuteranopia

46.6240, 3.6364, 0.3298



Tritanopia

46.5180, -2.2274, 14.4547

Trichromacy



Original Color

47.1250, 3.8824, 14.7994

Protanomaly

46.9170, 5.9569, 2.7038

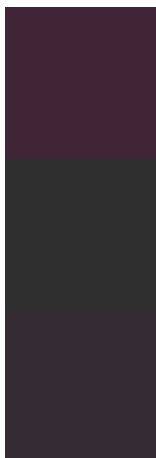
Deuteranomaly

46.6570, 3.6201, 5.5628

Tritanomaly

46.5010, 0.2460, 14.4696

Monochromacy



Original Color

47.1250, 3.8824, 14.7994

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7880, 1.5835, 5.4479

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.1250, 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(64, 37, 55)` looks like.

```
.text, #text, p{  
    color:rgb(64, 37, 55)  
}
```

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(64, 37, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 37, 55) }
```

Border

The CSS property to change the border of an element to YUV 47.1250, 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(64, 37, 55) }
```


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

```
.border{ border-color:rgb(64, 37, 55) }
```

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

Here you see how a box with a 4 pixel rgb(64, 37, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 37, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 37, 55);  
box-shadow:4px 4px 4px 4px rgb(64, 37, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.1250, 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(64, 37, 55) }
```

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

```
.background{ background-color: rgb(64, 37,  
55) }
```

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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