

Converting Colors

YUV(62.8750, -3.8824, -14.7994)

Have a look what the booklet for
YUV(62.8750, -3.8824, -14.7994)
contains.

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Color

**YUV(62.8750, -3.8824,
-14.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	2E4937
RGB	46, 73, 55
RGB Percent	18%, 29%, 22%
CMY	0.8196, 0.7137, 0.7843
CMYK	0.37, 0.00, 0.25, 0.71
HSL	140°, 23%, 23%
HSV	140°, 37%, 29%
XYZ	4.1988, 5.6218, 4.4782
YIQ	62.8750, -10.3140, -11.3220

Conversions

Conversions Part 2

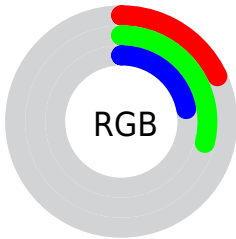
Format	Color
RYB	46, 66, 73
Decimal	3033399
CIELab	28.44, -14.79, 7.58
CIELCh	28, 16.617, 152.861
Yxy	5.6218, 0.2936, 0.3932
Android (android.graphics.Color)	4281223479 (0xFF2E4937)
YUV	62.8750, -3.8824, -14.7994
Hunter-Lab	23.7103, -9.8824, 5.3989

Details

The YUV color **62.8750, -3.8824, -14.7994** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **56.1250, 3.8824, 14.7994**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0490, -4.4612, -15.8290**, and **19.2770, -3.5876, -16.0289** is the 20% darker color. If you saturate the color by 10%, you get **60.2120, -5.0345, -18.6029**, and if you desaturate by 10%, it is **65.5380, -2.7302, -10.9958**.

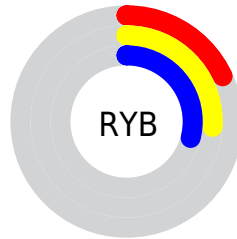
Distribution



Red (18%)

Green (29%)

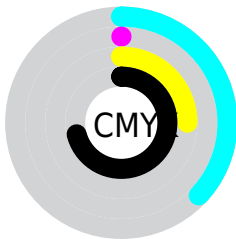
Blue (22%)



Red (18%)

Yellow (26%)

Blue (29%)

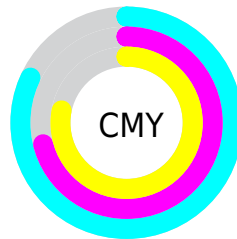


Cyan (37%)

Magenta (0%)

Yellow (25%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8750, -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 62.8750, -3.8824, -14.7994 by changing the saturation by 10% instead.

■ 62.8750, -3.8824,
-14.7994

■ 62.8750, -3.8824,
-14.7994

255.0000, 0.0000,
0.0000

■ 40.4020, -3.1562,
-14.3846

■ 111.0490, -4.4612,
-15.8290

■ 19.2770, -3.5876,
-16.0289

■ 136.6360, -4.7505,
-16.3438

■ 0.0000, 0.0000,
0.0000

■ 162.6360, -4.7505,
-16.3438

■ 189.9240, -4.8925,
-17.4733

■ 217.8100, -5.3293,
-17.3734

■ 244.0490, -4.4612,

-15.8290

■ 62.8750, -3.8824,
-14.7994

■ 62.8750, -3.8824,
-14.7994

■ 60.2120, -5.0345,
-18.6029

■ 65.5380, -2.7302,
-10.9958

■ 57.2500, -6.0393,
-23.0212

■ 68.5000, -1.7255,
-6.5775

■ 54.5870, -7.1914,
-26.8248

■ 71.1630, -0.5734,
-2.7740

■ 52.0380, -7.9067,
-30.7283

■ 73.7120, 0.1420,
1.1296

■ 49.0760, -8.9115,
-35.1467

■ 76.6740, 1.1467,
5.5479

■ 46.4130, -10.0636,
-38.9502

■ 79.3370, 2.2989,
9.3515

■ 45.5870, -10.6424,
-39.9798

■ 82.0000, 3.4510,
13.1550

■ 84.6630, 4.6031,
16.9585

■ 87.6250, 5.6079,
21.3769

Harmonies

Analogous

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



64.4590, -9.5933, -3.0335



62.8750, -3.8824, -14.7994



60.4590, 3.7177, -25.8355

Triad

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



62.8750, -3.8824, -14.7994



65.9520, 12.8417, -12.2359



68.2970, -7.0484, 20.7875

Complementary

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



62.8750, -3.8824, -14.7994



56.1250, 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.



68.4910, -1.2281, 20.6174



62.8750, -3.8824, -14.7994



68.0570, 10.3249, 1.7040

Square

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



62.8750, -3.8824, -14.7994



61.6900, 13.4638, -25.1611



68.7550, 5.0508, 13.3699



67.2380, -10.9633, 16.4543

Rectangle

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



62.8750, -3.8824, -14.7994



59.6910, 8.5333, -30.4240



68.7550, 5.0508, 13.3699



68.1660, -5.0118, 20.9024

Sweetspot

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



62.8750, -3.8824, -14.7994



90.2120, -1.5835, -5.4479



67.2310, -10.4669, -2.8336



45.7500, -0.8627, -3.2887



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



62.8750, -3.8824, -14.7994



78.6630, -5.7499, -22.5065



64.3570, 1.7960, -16.0991



34.4620, -0.7208, -2.1592



61.8750, -14.2354, -54.2644



141.9130, -32.4951, -124.4577

Inverse Universe

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



56.1250, 3.8824, 14.7994



68.4510, 6.1867, 22.4065



54.6430, -1.7960, 16.0991



33.5380, 0.7208, 2.1592



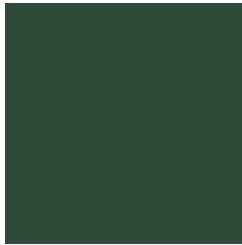
37.1250, 14.2354, 54.2644



85.0870, 32.4951, 124.4577

Previews

White Background



This preview shows how the YUV color 62.8750, -3.8824, -14.7994 looks on a white background.

Color Contrast Check

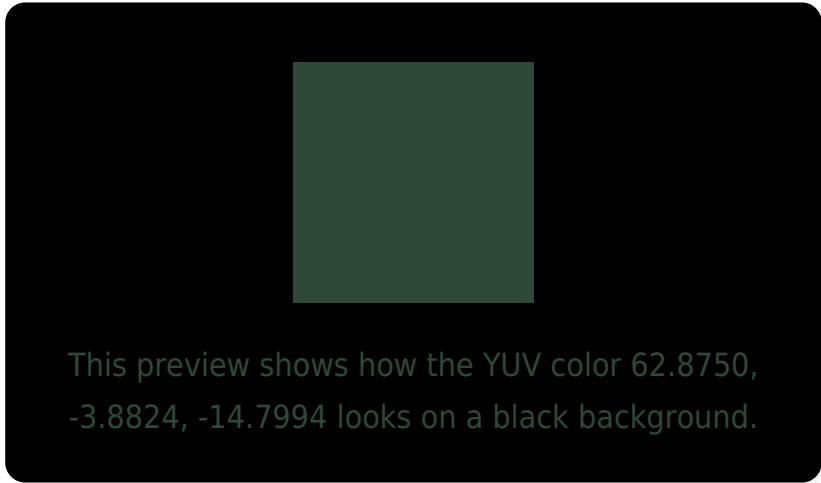
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.8750, -3.8824, -14.7994

Background



This preview shows how black text looks on a background with the YUV color 62.8750, -3.8824, -14.7994.



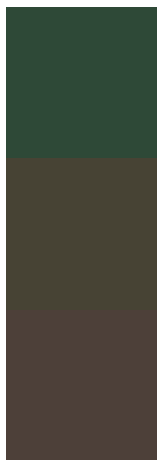
This preview shows how white text looks on a background with the YUV color 62.8750, -3.8824, -14.7994.

-14.7994.

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

62.8750, -3.8824, -14.7994

Protanopia

66.4860, -7.1416, 3.9588

Deuteranopia

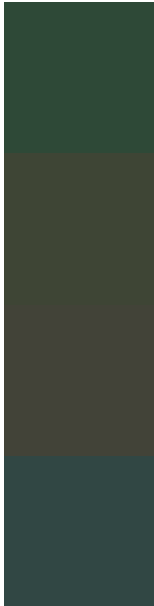
67.0890, -4.9739, 8.6919



Tritanopia

64.7040, 5.5689, -12.8954

Trichromacy



Original Color

62.8750, -3.8824, -14.7994

Protanomaly

65.0830, -5.9569, -2.7038

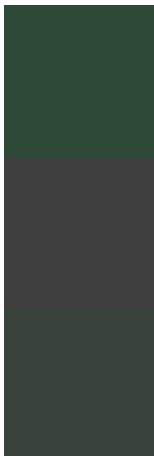
Deuteranomaly

65.4470, -4.6574, 0.4850

Tritanomaly

64.0800, 1.9326, -13.2252

Monochromacy



Original Color

62.8750, -3.8824, -14.7994

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.2120, -1.5835, -5.4479

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8750, -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(46, 73, 55)` looks like.

```
.text, #text, p{  
    color:rgb(46, 73, 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(46, 73, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 73, 55) }
```

Border

The CSS property to change the border of an element to YUV 62.8750, -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(46, 73, 55) }
```


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

```
.border{ border-color:rgb(46, 73, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 73, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 73, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 73, 55);  
box-shadow:4px 4px 4px 4px rgb(46, 73, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.8750, -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(46, 73, 55) }
```

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

```
.background{ background-color: rgb(46, 73,  
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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