

Converting Colors

YUV(62.4870, 4.6899, -10.9511)

Have a look what the booklet for
YUV(62.4870, 4.6899, -10.9511)
contains.

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Color

**YUV(62.4870, 4.6899,
-10.9511)**

Conversions

Conversions Part 1

Format	Color
Hex	324348
RGB	50, 67, 72
RGB Percent	20%, 26%, 28%
CMY	0.8039, 0.7373, 0.7176
CMYK	0.31, 0.07, 0.00, 0.72
HSL	194°, 18%, 24%
HSV	194°, 31%, 28%
XYZ	4.4922, 5.1603, 6.8902
YIQ	62.4870, -11.7370, -2.0490

Conversions

Conversions Part 2

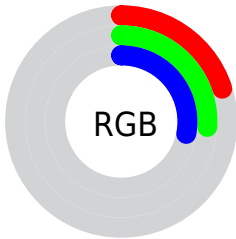
Format	Color
RYB	50, 60, 72
Decimal	3294024
CIELab	27.19, -5.37, -5.24
CIELCh	27, 7.504, 224.286
Yxy	5.1603, 0.2716, 0.3119
Android (android.graphics.Color)	4281484104 (0xFF324348)
YUV	62.4870, 4.6899, -10.9511
Hunter-Lab	22.7163, -4.4544, -2.0821

Details

The YUV color **62.4870, 4.6899, -10.9511** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.5130, -4.6899, 10.9511**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1880, 4.8373, -11.5659**, and **19.1880, 4.8373, -11.5659** is the 20% darker color. If you saturate the color by 10%, you get **59.2200, 6.3005, -14.2249**, and if you desaturate by 10%, it is **65.7540, 3.0793, -7.6773**.

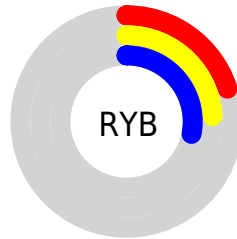
Distribution



Red (20%)

Green (26%)

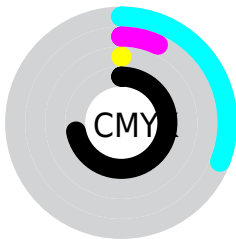
Blue (28%)



Red (20%)

Yellow (24%)

Blue (28%)

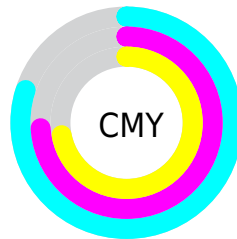


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (72%)



Cyan (80%)

Magenta (74%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.4870, 4.6899, -10.9511 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 62.4870, 4.6899, -10.9511 by changing the saturation by 10% instead.

■ 62.4870, 4.6899,
-10.9511

■ 62.4870, 4.6899,
-10.9511

■ 255.0000, 0.0000,
0.0000

■ 40.4870, 4.6899,
-10.9511

■ 110.1880, 4.8373,
-11.5659

■ 19.1880, 4.8373,
-11.5659

■ 135.3020, 5.2741,
-11.6659

■ 0.1140, 0.4368,
-0.1000

■ 162.0030, 5.4215,
-12.2806

■ 0.0000, 0.0000,
0.0000

■ 189.0030, 5.4215,
-12.2806

■ 216.7040, 5.5689,
-12.8954

■ 245.1770, 4.8427,

-13.3102

■ 62.4870, 4.6899,
-10.9511

■ 62.4870, 4.6899,
-10.9511

■ 59.2200, 6.3005,
-14.2249

■ 65.7540, 3.0793,
-7.6773

■ 56.5400, 7.6218,
-18.0136

■ 68.4340, 1.7580,
-3.8886

■ 52.9740, 9.3798,
-21.9022

■ 72.0000, 0.0000,
0.0000

■ 49.7070, 10.9904,
-25.1760

■ 75.2670, -1.6106,
3.2738

■ 47.0270, 12.3117,
-28.9647

■ 77.9470, -2.9319,
7.0625

■ 43.7600, 13.9223,
-32.2385

■ 81.2140, -4.5425,
10.3363

■ 41.0800, 15.2436,
-36.0272

■ 83.8940, -5.8637,
14.1250

■ 87.4600, -7.6218,
18.0136

■ 90.7270, -9.2324,
21.2874

Harmonies

Analogous

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



62.5040, 2.2165, -10.9660



62.4870, 4.6899, -10.9511



63.4380, 5.7001, -8.2771

Triad

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



62.4870, 4.6899, -10.9511



65.5710, 0.7045, 7.3922



63.9310, -5.3890, 1.8145

Complementary

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



62.4870, 4.6899, -10.9511



59.5130, -4.6899, 10.9511

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.



64.5510, -5.6946, 6.5328



62.4870, 4.6899, -10.9511



65.0120, -1.4849, 9.6365

Square

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



62.4870, 4.6899, -10.9511



65.2330, 3.3361, 3.3037



64.6160, -4.2477, 9.1068



62.7670, -3.3361, -3.3037

Rectangle

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



62.4870, 4.6899, -10.9511



63.8730, 5.9786, -4.2736



64.6160, -4.2477, 9.1068



63.9420, -5.3944, 3.5589

Sweetspot

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



62.4870, 4.6899, -10.9511



90.4340, 1.7580, -3.8886



63.4840, -4.1826, -11.8255



45.9180, 1.0264, -2.5591



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.



62.4870, 4.6899, -10.9511



78.8390, 7.4744, -17.3988



56.0300, 7.8732, -5.2883



34.2170, 0.8790, -1.9443



56.4850, 20.9599, -49.5373



128.6030, 48.5097, -112.7848

Inverse Universe

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



58.5160, 4.1826, 11.8255



72.5430, 6.6343, 18.8178



65.9700, -7.8732, 5.2883



33.5380, 0.7208, 2.1592



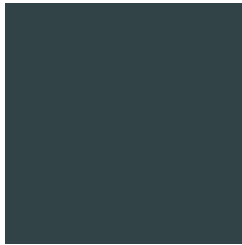
38.3790, 19.0402, 53.1646



87.8230, 42.9783, 122.0582

Previews

White Background



This preview shows how the YUV color 62.4870, 4.6899, -10.9511 looks on a white background.

Color Contrast Check

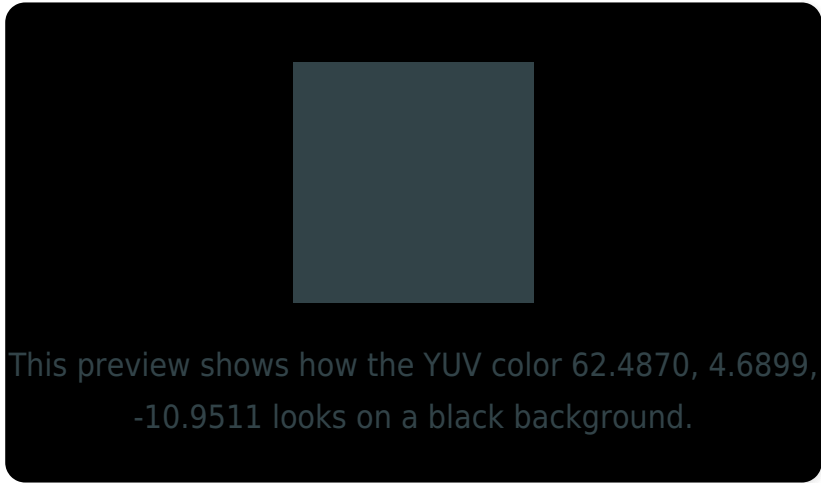
Large Text (above 18pt) WCAG AA ✓ Pass

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

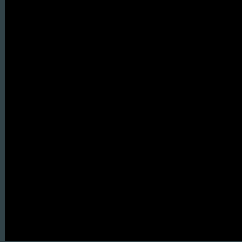
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.4870, 4.6899, -10.9511

Background



This preview shows how black text looks on a background with the YUV color 62.4870, 4.6899, -10.9511.



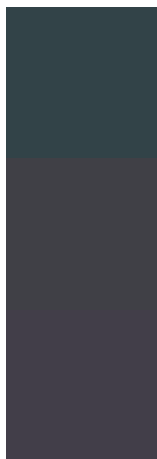
This preview shows how white text looks on a background with the YUV color 62.4870, 4.6899, -10.9511.

-10.9511.

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

62.4870, 4.6899, -10.9511

Protanopia

64.6840, 2.6208, -0.5999

Deuteranopia

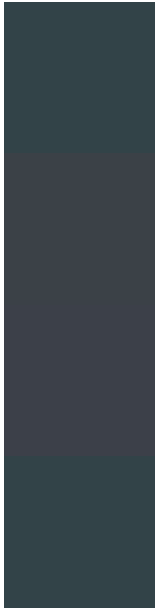
64.4500, 4.2151, 1.3593



Tritanopia

62.4870, 4.6899, -10.9511

Trichromacy



Original Color

62.4870, 4.6899, -10.9511

Protanomaly

63.8900, 3.5052, -4.2885

Deuteranomaly

63.8300, 4.5208, -3.3589

Tritanomaly

62.4870, 4.6899, -10.9511

Monochromacy



Original Color

62.4870, 4.6899, -10.9511

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.4340, 1.7580, -3.8886

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.4870, 4.6899, -10.9511 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(50, 67, 72)` looks like.

```
.text, #text, p{  
    color:rgb(50, 67, 72)  
}
```

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(50, 67, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 67, 72) }
```

Border

The CSS property to change the border of an element to YUV 62.4870, 4.6899, -10.9511 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(50, 67, 72) }
```


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

```
.border{ border-color:rgb(50, 67, 72) }
```

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

Here you see how a box with a 4 pixel rgb(50, 67, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 67, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 67, 72);  
box-shadow:4px 4px 4px 4px rgb(50, 67, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.4870, 4.6899, -10.9511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 67, 72) }
```

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

```
.background{ background-color: rgb(50, 67,  
72) }
```

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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