

# Converting Colors

YUV(52.2500, 10.7227,  
-32.6683)

Have a look what the booklet for  
YUV(52.2500, 10.7227, -32.6683)  
contains.

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# Color

**YUV(52.2500, 10.7227,  
-32.6683)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0F434A
RGB	15, 67, 74
RGB Percent	6%, 26%, 29%
CMY	0.9412, 0.7373, 0.7098
CMYK	0.80, 0.09, 0.00, 0.71
HSL	187°, 66%, 17%
HSV	187°, 80%, 29%
XYZ	3.4402, 4.6103, 7.1871
YIQ	52.2500, -33.2390, -8.8470

# Conversions

## Conversions Part 2

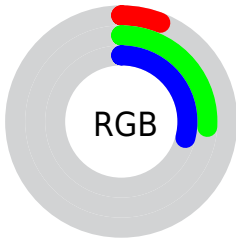
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	15, 43, 74
Decimal	1000266
CIE Lab	25.59, -13.89, -9.11
CIE LCh	26, 16.615, 213.265
Yxy	4.6103, 0.2258, 0.3026
Android (android.graphics.Color)	4279190346 (0xFF0F434A)
YUV	52.2500, 10.7227, -32.6683
Hunter-Lab	21.4716, -8.9759, -4.8159

# Details

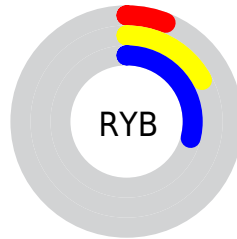
The YUV color **52.2500, 10.7227, -32.6683** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36.7500, -10.7227, 32.6683**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8590, 10.4225, -29.6943**, and **18.0950, 5.8692, -15.8693** is the 20% darker color. If you saturate the color by 10%, you get **49.5700, 12.0440, -36.4569**, and if you desaturate by 10%, it is **54.9300, 9.4015, -28.8796**.

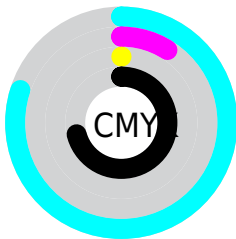
# Distribution



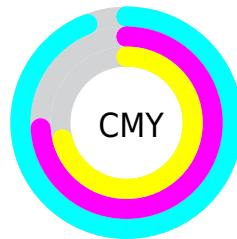
- Red (6%)
- Green (26%)
- Blue (29%)



- Red (6%)
- Yellow (17%)
- Blue (29%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (71%)



- Cyan (94%)
- Magenta (74%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 52.2500, 10.7227, -32.6683 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 52.2500, 10.7227, -32.6683 by changing the saturation by 10% instead.



■ 52.2500, 10.7227,  
-32.6683

■ 52.2500, 10.7227,  
-32.6683

■ 255.0000, 0.0000,  
0.0000

■ 32.2290, 9.2541,  
-28.2648

■ 101.8590, 10.4225,  
-29.6943

■ 18.0950, 5.8692,  
-15.8693

■ 127.7450, 9.9857,  
-29.5944

■ 0.4560, 1.7472,  
-0.3999

■ 153.8590, 10.4225,  
-29.6943

■ 0.0000, 0.0000,  
0.0000

■ 181.1470, 10.2805,  
-30.8239

■ 208.6740, 11.0067,  
-30.4091

■ 236.8050, 8.9701,

-30.5240

■ 247.5250, 3.6852,  
-15.3694

■ 52.2500, 10.7227,  
-32.6683

■ 52.2500, 10.7227,  
-32.6683

■ 49.5700, 12.0440,  
-36.4569

■ 54.9300, 9.4015,  
-28.8796

■ 46.5910, 13.5126,  
-40.8603

■ 57.9090, 7.9329,  
-24.4762

■ 60.5890, 6.6116,  
-20.6876

■ 63.5680, 5.1430,  
-16.2841

■ 65.6610, 4.1111,  
-11.9807

■ 68.3410, 2.7899,  
-8.1921

■ 71.3200, 1.3212,  
-3.7886

■ 74.0000, 0.0000,  
0.0000

■ 76.9790, -1.4686,  
4.4034

# Harmonies

## Analogous

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



53.5730, 4.1545, -25.9355



52.2500, 10.7227, -32.6683



55.3910, 13.6112, -25.7759

# Triad

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



52.2500, 10.7227, -32.6683



62.6410, 4.6140, 13.4698



59.5420, -12.0992, 7.4177

# Complementary

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



52.2500, 10.7227, -32.6683



36.7500, -10.7227, 32.6683

# 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.



60.5260, -11.1053, 15.3247



52.2500, 10.7227, -32.6683



62.1920, -1.0807, 20.0026

# Square

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



52.2500, 10.7227, -32.6683



61.9430, 9.8881, 1.8040



61.2970, -7.0484, 20.7875



58.1600, -9.4459, -3.6483



# Rectangle

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



52.2500, 10.7227, -32.6683



58.3320, 13.1473, -16.9542



61.2970, -7.0484, 20.7875



60.2650, -11.9626, 10.2916

# Sweetspot

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



52.2500, 10.7227, -32.6683



88.3620, 4.2585, -12.5955



50.4310, -14.0165, -31.0730



43.2270, 2.3531, -8.0921



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.



52.2500, 10.7227, -32.6683



62.7360, 16.8922, -51.5115



35.2270, 19.1151, -17.7391



36.8040, 0.5896, -2.4591



64.4580, 18.5082, -56.5297



144.7940, 42.0066, -126.9843



# Inverse Universe

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



38.5690, 14.0165, 31.0730



41.1550, 22.1086, 48.9761



53.7730, -19.1151, 17.7391



35.6520, 1.1576, 2.0592



40.7580, 24.2763, 53.7092

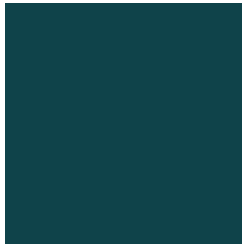


91.7980, 54.3296, 121.2032



# Previews

## White Background



This preview shows how the YUV color 52.2500, 10.7227, -32.6683 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



This preview shows how the YUV color 52.2500, 10.7227, -32.6683 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

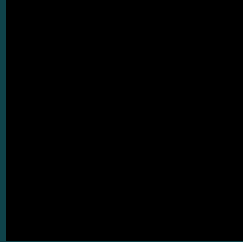
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

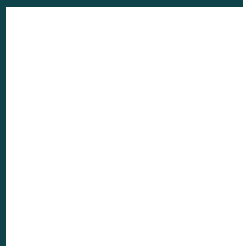
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 52.2500, 10.7227, -32.6683

## Background



This preview shows how black text looks on a background with the YUV color 52.2500, 10.7227, -32.6683.



This preview shows how white text looks on a background with the YUV color 52.2500, 10.7227,



# 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

52.2500, 10.7227, -32.6683

### Protanopia

60.7270, 4.0786, -1.5146

### Deuteranopia

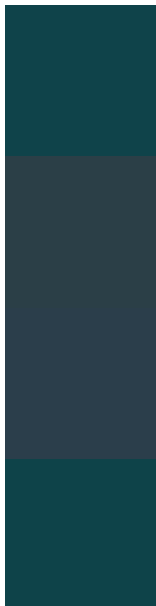
60.9380, 7.4256, -1.6996



## Tritanopia

51.8370, 10.4334, -33.1830

# Trichromacy



## Original Color

52.2500, 10.7227, -32.6683

## Protanomaly

57.9320, 6.4425, -13.0954

## Deuteranomaly

57.8010, 8.4791, -12.9805

## Tritanomaly

51.8370, 10.4334, -33.1830

# Monochromacy



## Original Color

52.2500, 10.7227, -32.6683

## Achromatopsia

52.0000, 0.0000, 0.0000

## Achromatomaly

51.9600, 3.9637, -11.3659

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 52.2500, 10.7227, -32.6683 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(15, 67, 74)` looks like.

```
.text, #text, p{  
    color:rgb(15, 67, 74)  
}
```

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(15, 67, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 67, 74) }
```

## Border

The CSS property to change the border of an element to YUV 52.2500, 10.7227, -32.6683 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(15, 67, 74) }
```



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

```
.border{ border-color:rgb(15, 67, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 67, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 67, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 67, 74);  
box-shadow:4px 4px 4px 4px rgb(15, 67, 74)  
}
```

# Background

The CSS property to change the background color of an element to YUV 52.2500, 10.7227, -32.6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 67, 74) }
```

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

```
.background{ background-color: rgb(15, 67,  
74) }
```

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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