

# Converting Colors

YUV(32.7830, 2.5720, 15.0993)

Have a look what the booklet for  
YUV(32.7830, 2.5720, 15.0993)  
contains.

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# Color

**YUV(32.7830, 2.5720,  
15.0993)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	321726
RGB	50, 23, 38
RGB Percent	20%, 9%, 15%
CMY	0.8039, 0.9098, 0.8510
CMYK	0.00, 0.54, 0.24, 0.80
HSL	327°, 37%, 14%
HSV	327°, 54%, 20%
XYZ	1.9716, 1.4308, 2.0060
YIQ	32.7830, 11.2770, 10.3890

# Conversions

## Conversions Part 2

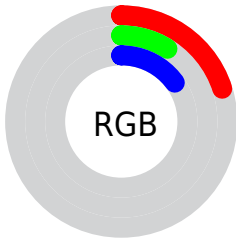
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 23, 38
Decimal	3282726
CIE <sub>Lab</sub>	12.16, 16.00, -4.27
CIE <sub>LCh</sub>	12, 16.557, 345.061
Yxy	1.4308, 0.3645, 0.2646
Android (android.graphics.Color)	4281472806 (0xFF321726)
YUV	32.7830, 2.5720, 15.0993
Hunter-Lab	11.9618, 8.4887, -1.5697

# Details

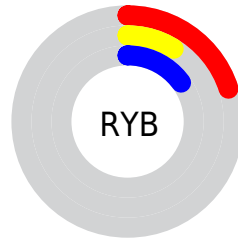
The YUV color **32.7830, 2.5720, 15.0993** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **40.2170, -2.5720, -15.0993**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7940, 2.5666, 16.8437**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.6200, 3.1453, 17.8733**, and if you desaturate by 10%, it is **35.9460, 1.9986, 12.3254**.

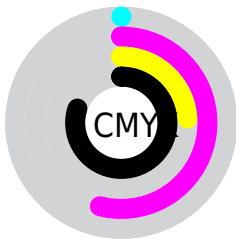
# Distribution



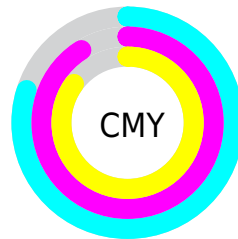
- Red (20%)
- Green (9%)
- Blue (15%)



- Red (20%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (54%)
- Yellow (24%)
- Black (80%)



- Cyan (80%)
- Magenta (91%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 32.7830, 2.5720, 15.0993 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 32.7830, 2.5720, 15.0993 by changing the saturation by 10% instead.



■ 32.7830, 2.5720,  
15.0993

■ 32.7830, 2.5720,  
15.0993

■ 252.6520, 1.1576,  
2.0592

■ 11.2070, 2.8559,  
17.3585

■ 77.7940, 2.5666,  
16.8437

■ 0.0000, 0.0000,  
0.0000

■ 101.5060, 2.7085,  
17.9732

■ 126.8050, 2.5611,  
18.5880

■ 153.1040, 2.4137,  
19.2028

■ 179.8160, 2.5557,  
20.3324

■ 207.2290, 2.8451,

20.8472

234.0330, 3.4347,  
18.3881

32.7830, 2.5720,  
15.0993

32.7830, 2.5720,  
15.0993

29.6200, 3.1453,  
17.8733

35.9460, 1.9986,  
12.3254

26.4570, 3.7187,  
20.6472

39.1090, 1.4253,  
9.5514

23.1800, 3.8553,  
23.5211

42.3860, 1.2887,  
6.6775

20.0170, 4.4286,  
26.2951

45.5490, 0.7153,  
3.9035

18.1420, 4.8600,  
27.9395

48.7120, 0.1420,  
1.1296

■ 51.8750, -0.4314,  
-1.6444

■ 55.1520, -0.5679,  
-4.5183

■ 58.3150, -1.1413,  
-7.2923

■ 61.4780, -1.7147,  
-10.0662

# Harmonies

## Analogous

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



33.2810, 7.2565, 5.8926



32.7830, 2.5720, 15.0993



31.8390, -2.3856, 18.5582

# Triad

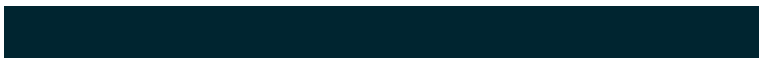
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.7830, 2.5720, 15.0993



30.1070, -12.3778, 3.4142



27.1910, 10.2588, -23.8465

# Complementary

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



32.7830, 2.5720, 15.0993



40.2170, -2.5720, -15.0993

# 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.



26.5240, 5.1647, -23.2615



32.7830, 2.5720, 15.0993



29.0070, -7.3985, -7.0221

# Square

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



32.7830, 2.5720, 15.0993



30.7490, -12.6943, 11.6211



25.5800, 0.2071, -19.8027



26.7010, 13.4584, -23.4168



# Rectangle

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



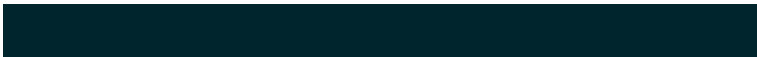
32.7830, 2.5720, 15.0993



31.8020, -6.3114, 17.7136



25.5800, 0.2071, -19.8027



26.8490, 8.9484, -23.5466

# Sweetspot

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



32.7830, 2.5720, 15.0993



57.5600, 0.7099, 5.6479



29.6660, 10.0247, 4.6779



29.1360, 0.4260, 3.3887



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000



# Same Dimension

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



32.7830, 2.5720, 15.0993



37.1800, 3.8553, 23.5211



31.3010, -3.1064, 16.3990



24.0110, -0.0054, 1.7444



32.3110, 8.7207, 49.7163



78.5630, 20.4284, 121.4092



# Inverse Universe

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



32.7830, 2.5720, 15.0993



37.1800, 3.8553, 23.5211



41.6990, 3.1064, -16.3990



24.0110, -0.0054, 1.7444



32.3110, 8.7207, 49.7163



78.5630, 20.4284, 121.4092



# Previews

## White Background



This preview shows how the YUV color 32.7830, 2.5720, 15.0993 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

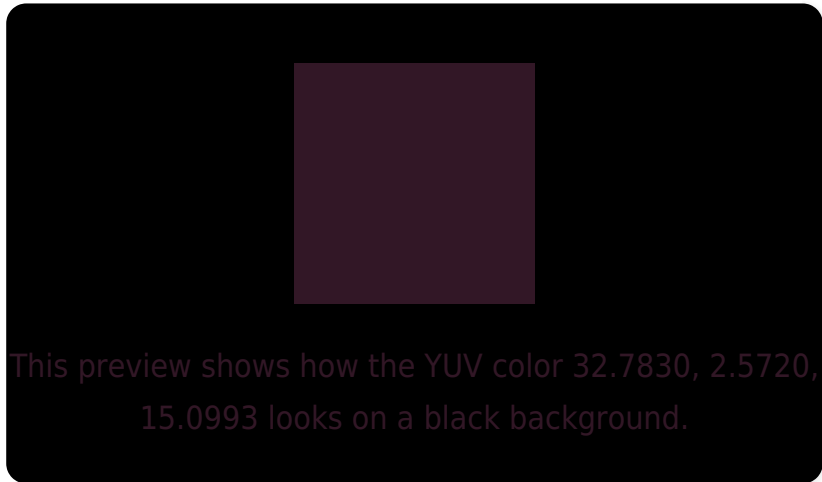
Any Text WCAG AA ✓ Pass

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

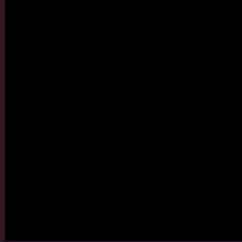
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 32.7830, 2.5720, 15.0993

## Background



This preview shows how black text looks on a background with the YUV color 32.7830, 2.5720, 15.0993.



This preview shows how white text looks on a background with the YUV color 32.7830, 2.5720,



# 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

32.7830, 2.5720, 15.0993

### Protanopia

32.4710, 5.6838, -3.0441

### Deuteranopia

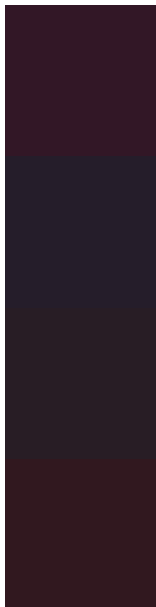
33.1680, 1.8892, 0.7297



## Tritanopia

32.4040, -2.6642, 14.5547

# Trichromacy



## Original Color

32.7830, 2.5720, 15.0993

## Protanomaly

32.8740, 4.4991, 3.6185

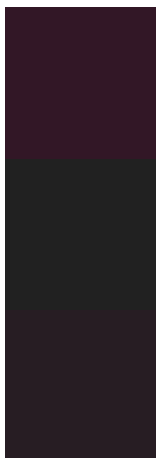
## Deuteranomaly

33.2010, 1.8729, 5.9627

## Tritanomaly

32.2730, -0.6276, 14.6696

# Monochromacy



## Original Color

32.7830, 2.5720, 15.0993

## Achromatopsia

33.0000, 0.0000, 0.0000

## Achromatomaly

32.6740, 1.1467, 5.5479

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 32.7830, 2.5720, 15.0993 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, 23, 38)` looks like.

```
.text, #text, p{  
    color:rgb(50, 23, 38)  
}
```

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, 23, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 23, 38) }
```

## Border

The CSS property to change the border of an element to YUV 32.7830, 2.5720, 15.0993 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, 23, 38) }
```



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

```
.border{ border-color:rgb(50, 23, 38) }
```

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

Here you see how a box with a 4 pixel rgb(50, 23, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 23, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 23, 38);  
box-shadow:4px 4px 4px 4px rgb(50, 23, 38)  
}
```

# Background

The CSS property to change the background color of an element to YUV 32.7830, 2.5720, 15.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 23, 38) }
```

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

```
.background{ background-color: rgb(50, 23,  
38) }
```

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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