

Converting Colors

YUV(99.7510, 7.5178, -31.3536)

Have a look what the booklet for
YUV(99.7510, 7.5178, -31.3536)
contains.

YUV(99.7510, 7.5178, -31.3536)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(99.7510, 7.5178,
-31.3536)**

Conversions

Conversions Part 1

Format	Color
Hex	407373
RGB	64, 115, 115
RGB Percent	25%, 45%, 45%
CMY	0.7490, 0.5490, 0.5490
CMYK	0.44, 0.00, 0.00, 0.55
HSL	180°, 28%, 35%
HSV	180°, 44%, 45%
XYZ	11.3396, 14.5893, 18.4380
YIQ	99.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

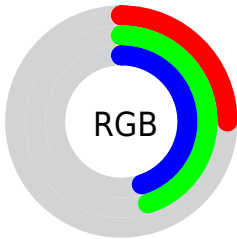
Format	Color
RYB	64, 90, 115
Decimal	4223859
CIELab	45.07, -17.07, -5.36
CIELCh	45, 17.895, 197.436
Yxy	14.5893, 0.2556, 0.3288
Android (android.graphics.Color)	4282413939 (0xFF407373)
YUV	99.7510, 7.5178, -31.3536
Hunter-Lab	38.1959, -13.8497, -1.8835

Details

The YUV color **99.7510, 7.5178, -31.3536** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **79.2490, -7.5178, 31.3536**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4520, 7.6652, -31.9684**, and **49.6580, 8.5496, -35.6571** is the 20% darker color. If you saturate the color by 10%, you get **96.4620, 9.1392, -38.1162**, and if you desaturate by 10%, it is **103.3390, 5.7489, -23.9763**.

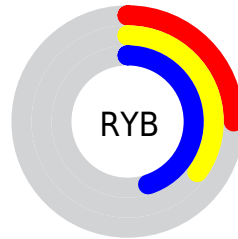
Distribution



Red (25%)

Green (45%)

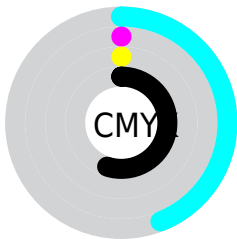
Blue (45%)



Red (25%)

Yellow (35%)

Blue (45%)

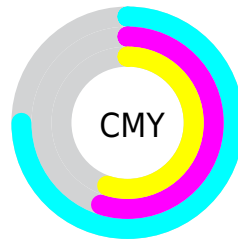


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.7510, 7.5178, -31.3536 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 99.7510, 7.5178, -31.3536 by changing the saturation by 10% instead.

■ 99.7510, 7.5178,
-31.3536

■ 99.7510, 7.5178,
-31.3536

255.0000, 0.0000,
0.0000

■ 74.4520, 7.6652,
-31.9684

■ 151.4520, 7.6652,
-31.9684

■ 49.6580, 8.5496,
-35.6571

■ 178.4520, 7.6652,
-31.9684

■ 30.9580, 6.9227,
-27.1502

■ 206.1530, 7.8126,
-32.5832

■ 17.4110, 3.2484,
-15.2694

■ 234.7400, 7.5232,
-33.0980

■ 0.0000, 0.0000,
0.0000

■ 246.0300, 4.4222,
-18.4433

254.7010, 0.1474,

-0.6148

■ 99.7510, 7.5178,
-31.3536

■ 99.7510, 7.5178,
-31.3536

■ 96.4620, 9.1392,
-38.1162

■ 103.3390, 5.7489,
-23.9763

■ 92.8740, 10.9081,
-45.4935

■ 106.6280, 4.1274,
-17.2138

■ 89.2860, 12.6770,
-52.8708

■ 109.9170, 2.5059,
-10.4512

■ 85.9970, 14.2985,
-59.6334

■ 113.5050, 0.7370,
-3.0739

■ 82.4090, 16.0674,
-67.0107

■ 117.0930, -1.0318,
4.3034

■ 80.6150, 16.9518,
-70.6994

■ 120.3820, -2.6533,
11.0660

■ 123.9700, -4.4222,
18.4433

■ 127.2590, -6.0437,
25.2059

■ 130.8470, -7.8126,
32.5832

Harmonies

Analogous

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



101.3300, -0.6557, -23.0914



99.7510, 7.5178, -31.3536



100.3580, 13.6275, -31.0090

Triad

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



99.7510, 7.5178, -31.3536



109.0580, 8.8454, 9.5961



106.7170, -14.1575, 14.2802

Complementary

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



99.7510, 7.5178, -31.3536



79.2490, -7.5178, 31.3536

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.



107.8690, -11.2744, 22.9169



99.7510, 7.5178, -31.3536



108.8160, 2.5557, 20.3324

Square

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



99.7510, 7.5178, -31.3536



107.2240, 13.6936, -5.4584



108.4870, -5.1701, 25.0059



104.8790, -13.2513, 3.6141

Rectangle

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



99.7510, 7.5178, -31.3536



102.5590, 15.5004, -25.0462



108.4870, -5.1701, 25.0059



106.8530, -13.7315, 17.6689

Sweetspot

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



99.7510, 7.5178, -31.3536



144.3190, 2.8007, -11.6808



93.9370, -14.7589, -26.2547



73.1130, 1.9163, -7.9921



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



99.7510, 7.5178, -31.3536



126.3790, 11.6452, -48.5674



85.0760, 14.7525, -18.4837



57.2060, 0.8844, -3.6887



85.5220, 17.9837, -75.0028



175.2500, 36.8518, -153.6943

Inverse Universe

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



85.0630, 14.7589, 26.2547



103.6270, 22.8619, 40.6691



94.5110, -15.0419, 17.9689



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 99.7510, 7.5178, -31.3536 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 × Fail

Black Background



This preview shows how the YUV color 99.7510, 7.5178, -31.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

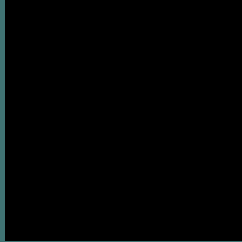
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.7510, 7.5178, -31.3536

Background



This preview shows how black text looks on a background with the YUV color 99.7510, 7.5178, -31.3536.



This preview shows how white text looks on a background with the YUV color 99.7510, 7.5178,

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

99.7510, 7.5178, -31.3536

Protanopia

106.6410, 1.1630, 0.3148

Deuteranopia

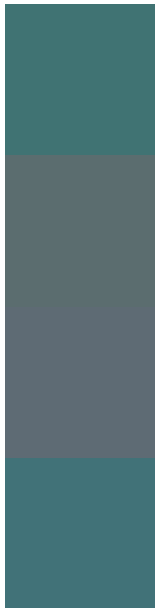
106.9880, 4.9359, 3.5185



Tritanopia

100.6740, 11.0067, -30.4091

Trichromacy



Original Color

99.7510, 7.5178, -31.3536

Protanomaly

103.8460, 3.5269, -11.2659

Deuteranomaly

104.1390, 5.8475, -8.8919

Tritanomaly

100.0330, 9.8437, -30.7239

Monochromacy



Original Color

99.7510, 7.5178, -31.3536

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.6180, 2.6533, -11.0660

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.7510, 7.5178, -31.3536 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, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(64, 115, 115)  
}
```

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, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 115, 115) }
```

Border

The CSS property to change the border of an element to YUV 99.7510, 7.5178, -31.3536 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, 115, 115) }
```


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

```
.border{ border-color:rgb(64, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(64, 115,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 99.7510, 7.5178, -31.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 115, 115) }
```

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

```
.background{ background-color: rgb(64, 115,  
115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor