

Converting Colors

YUV(99.8750, 9.4286, -37.6014)

Have a look what the booklet for
YUV(99.8750, 9.4286, -37.6014)
contains.

YUV(99.8750, 9.4286, -37.6014)	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(99.8750, 9.4286,
-37.6014)**

Conversions

Conversions Part 1	
Format	Color
Hex	397677
RGB	57, 118, 119
RGB Percent	22%, 46%, 47%
CMY	0.7765, 0.5373, 0.5333
CMYK	0.52, 0.01, 0.00, 0.53
HSL	181°, 35%, 35%
HSV	181°, 52%, 47%
XYZ	11.4955, 15.1586, 19.7728
YIQ	99.8750, -36.6770, -12.6210

Conversions

Conversions Part 2

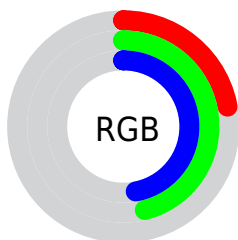
Format	Color
RYB	57, 88, 119
Decimal	3765879
CIELab	45.85, -19.33, -6.62
CIELCh	46, 20.432, 198.900
Yxy	15.1586, 0.2476, 0.3265
Android (android.graphics.Color)	4281955959 (0xFF397677)
YUV	99.8750, 9.4286, -37.6014
Hunter-Lab	38.9341, -15.4313, -2.8567

Details

The YUV color **99.8750, 9.4286, -37.6014** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.1250, -9.4286, 37.6014**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1740, 9.2812, -36.9866**, and **48.5970, 11.0447, -42.6196** is the 20% darker color. If you saturate the color by 10%, you get **96.2870, 11.1975, -44.9787**, and if you desaturate by 10%, it is **103.4630, 7.6597, -30.2241**.

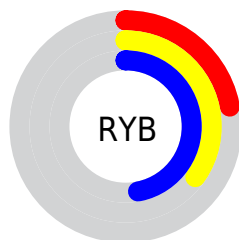
Distribution



Red (22%)

Green (46%)

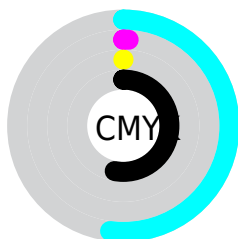
Blue (47%)



Red (22%)

Yellow (35%)

Blue (47%)

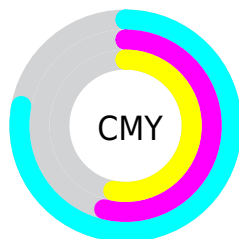


Cyan (52%)

Magenta (1%)

Yellow (0%)

Black (53%)



Cyan (78%)


Magenta (54%)

Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the YUV color 99.8750, 9.4286, -37.6014 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 99.8750, 9.4286, -37.6014 by changing the saturation by 10% instead.


 99.8750, 9.4286,
-37.6014

 99.8750, 9.4286,
-37.6014


 255.0000, 0.0000,
0.0000

 73.9780, 9.8708,
-39.4457


 152.1740, 9.2812,
-36.9866


 48.5970, 11.0447,
-42.6196


 179.4620, 9.1392,
-38.1162


 33.0610, 7.3649,
-28.9945

 207.4620, 9.1392,
-38.1162

 18.9270, 3.9800,
-16.5990

 236.1630, 9.2866,
-38.7310

 0.0000, 0.0000,
0.0000

 244.5350, 5.1592,
-21.5172

 253.2060, 0.8844,

-3.6887

■ 99.8750, 9.4286,
-37.6014

■ 99.8750, 9.4286,
-37.6014

■ 96.2870, 11.1975,
-44.9787

■ 103.4630, 7.6597,
-30.2241

■ 92.6990, 12.9664,
-52.3560

■ 107.0510, 5.8909,
-22.8467

■ 88.5240, 15.0247,
-59.2185

■ 111.2260, 3.8326,
-15.9842

■ 84.9360, 16.7936,
-66.5959

■ 114.8140, 2.0637,
-8.6069

■ 82.2450, 18.1202,
-72.1289

■ 118.1030, 0.4422,
-1.8443

■ 121.6910, -1.3267,
5.5330

■ 125.2790, -3.0955,
12.9103

■ 129.4540, -5.1538,
19.7728

■ 133.0420, -6.9227,
27.1502

Harmonies

Analogous

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



102.0090, -0.4974, -27.1949



99.8750, 9.4286, -37.6014



101.0090, 16.2646, -36.8419

Triad

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



99.8750, 9.4286, -37.6014



111.2970, 9.7136, 11.1405



108.1580, -16.3469, 16.5244

Complementary

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



99.8750, 9.4286, -37.6014



76.1250, -9.4286, 37.6014

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.



109.8370, -12.7376, 25.5760



99.8750, 9.4286, -37.6014



111.4250, 2.2555, 23.3063

Square

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



99.8750, 9.4286, -37.6014



108.7940, 15.8776, -5.9583



110.2810, -6.0545, 28.6946



106.7110, -15.1405, 2.8845

Rectangle

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



99.8750, 9.4286, -37.6014



103.8080, 17.8427, -29.6496



110.2810, -6.0545, 28.6946



108.4080, -15.4841, 19.8132

Sweetspot

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



99.8750, 9.4286, -37.6014



147.9380, 3.9746, -14.8546



93.3940, -17.9422, -31.9175



74.5150, 2.2111, -9.2217



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



99.8750, 9.4286, -37.6014



125.5240, 15.0247, -59.2185



82.2650, 18.1104, -22.1574



57.2060, 0.8844, -3.6887



84.3480, 18.5624, -73.9732



172.9020, 38.0093, -151.6351

Inverse Universe

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



82.4920, 17.5054, 32.0175



98.2460, 27.4867, 50.6503



93.7350, -18.1104, 22.1574



55.4780, 1.7363, 3.0888



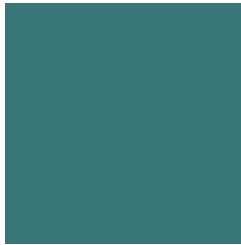
50.1580, 34.4321, 63.0054



102.7940, 70.6006, 129.0997

Previews

White Background



This preview shows how the YUV color 99.8750, 9.4286, -37.6014 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 99.8750, 9.4286, -37.6014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

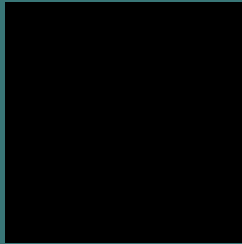
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.8750, 9.4286, -37.6014

Background



This preview shows how black text looks on a background with the YUV color 99.8750, 9.4286, -37.6014.



This preview shows how white text looks on a background with the YUV color 99.8750, 9.4286, -37.6014.

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

99.8750, 9.4286, -37.6014

Protanopia

108.2820, 2.3260, 0.6297

Deuteranopia

109.0310, 6.3937, 2.6038



Tritanopia

100.9830, 12.3334, -35.9421

Trichromacy

	Original Color 99.8750, 9.4286, -37.6014
	Protanomaly 105.1770, 4.8427, -13.3102
	Deuteranomaly 105.8720, 7.4581, -12.1657
	Tritanomaly 100.3420, 11.1704, -36.2569

Monochromacy

	Original Color 99.8750, 9.4286, -37.6014
	Achromatopsia 100.0000, 0.0000, 0.0000
	Achromatomaly 100.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8750, 9.4286, -37.6014 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(57, 118, 119)` looks like.

```
.text, #text, p{  
    color:rgb(57, 118, 119)  
}
```

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(57, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 118, 119) }
```

Border

The CSS property to change the border of an element to YUV 99.8750, 9.4286, -37.6014 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(57, 118, 119) }
```


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

```
.border{ border-color:rgb(57, 118, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 118, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 118, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 118, 119);  
box-shadow:4px 4px 4px 4px rgb(57, 118,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 99.8750, 9.4286, -37.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(57, 118, 119) }
```

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

```
.background{ background-color:rgb(57, 118,  
119) }
```

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