

# Converting Colors

YUV(114.4990, 13.0650,  
-37.2716)

Have a look what the booklet for  
YUV(114.4990, 13.0650, -37.2716)  
contains.

<b>YUV(114.4990, 13.0650, -37.2716)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(114.4990, 13.0650,  
-37.2716)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48838D
RGB	72, 131, 141
RGB Percent	28%, 51%, 55%
CMY	0.7176, 0.4863, 0.4471
CMYK	0.49, 0.07, 0.00, 0.45
HSL	189°, 32%, 42%
HSV	189°, 49%, 55%
XYZ	15.5965, 19.5334, 28.1476
YIQ	114.4990, -38.3740, -9.3980

# Conversions

## Conversions Part 2

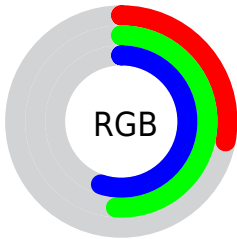
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 104, 141
Decimal	4752269
CIE <sub>Lab</sub>	51.31, -16.37, -11.36
CIE <sub>LCh</sub>	51, 19.929, 214.759
Yxy	19.5334, 0.2465, 0.3087
Android (android.graphics.Color)	4282942349 (0xFF48838D)
YUV	114.4990, 13.0650, -37.2716
Hunter-Lab	44.1966, -14.3534, -6.8225

# Details

The YUV color **114.4990, 13.0650, -37.2716** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **98.5010, -13.0650, 37.2716**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6130, 13.5018, -37.3716**, and **61.5090, 14.5391, -43.4194** is the 20% darker color. If you saturate the color by 10%, you get **109.1390, 15.7075, -44.8489**, and if you desaturate by 10%, it is **119.8590, 10.4225, -29.6943**.

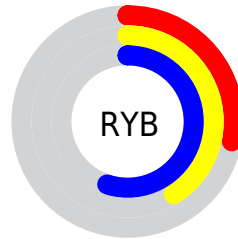
# Distribution



Red (28%)

Green (51%)

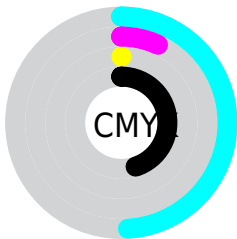
Blue (55%)



Red (28%)

Yellow (41%)

Blue (55%)

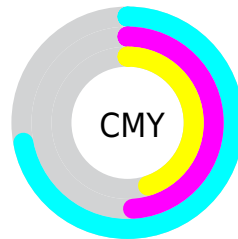


Cyan (49%)

Magenta (7%)

Yellow (0%)

Black (45%)



Cyan (72%)

Magenta (49%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 114.4990, 13.0650, -37.2716 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 114.4990, 13.0650, -37.2716 by changing the saturation by 10% instead.



■ 114.4990, 13.0650,  
-37.2716

■ 114.4990, 13.0650,  
-37.2716

■ 255.0000, 0.0000,  
0.0000

■ 88.7870, 12.9230,  
-38.4012

■ 167.6130, 13.5018,  
-37.3716

■ 61.5090, 14.5391,  
-43.4194

■ 195.3140, 13.6492,  
-37.9864

■ 41.6840, 12.4808,  
-36.5569

■ 223.3140, 13.6492,  
-37.9864

■ 26.2620, 9.2378,  
-23.0318

■ 241.2460, 6.7807,  
-28.2797

■ 8.7200, 8.0260,  
-7.6474

■ 249.6180, 2.6533,  
-11.0660

■ 0.0000, 0.0000,  
0.0000

■ 114.4990, 13.0650,  
-37.2716

■ 114.4990, 13.0650,  
-37.2716

■ 109.1390, 15.7075,  
-44.8489

■ 119.8590, 10.4225,  
-29.6943

■ 103.7790, 18.3500,  
-52.4262

■ 125.2190, 7.7800,  
-22.1171

■ 98.4190, 20.9924,  
-60.0035

■ 130.5790, 5.1376,  
-14.5398

■ 93.0590, 23.6349,  
-67.5807

■ 135.9390, 2.4951,  
-6.9625

■ 87.4000, 26.4248,  
-75.7728

■ 141.5980, -0.2948,  
1.2296


■ 87.1010, 26.5722,  
-76.3876

■ 146.9580, -2.9373,  
8.8068

■ 152.3180, -5.5798,  
16.3841

■ 157.6780, -8.2223,

23.9614

 163.0380,  
-10.8647, 31.5387

# Harmonies

## Analogous

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



114.9420, 4.4656, -32.3981



114.4990, 13.0650, -37.2716



117.3950, 17.5533, -30.1644

# Triad

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



114.4990, 13.0650, -37.2716



125.0160, 5.9081, 18.4030



121.1140, -16.3252, 9.5470

# Complementary

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



114.4990, 13.0650, -37.2716



98.5010, -13.0650, 37.2716

# 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.



122.5330, -15.0528, 21.4576



114.4990, 13.0650, -37.2716



124.8940, -2.4127, 27.2800

# Square

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



114.4990, 13.0650, -37.2716



124.0510, 12.7929, 3.4633



124.2440, -9.9803, 27.8500



119.0520, -12.3506, -5.3076



# Rectangle

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



114.4990, 13.0650, -37.2716



120.1620, 17.6681, -20.3131



124.2440, -9.9803, 27.8500



121.8480, -16.1941, 14.1653

# Sweetspot

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



114.4990, 13.0650, -37.2716



173.2800, 5.2850, -15.1546



113.5290, -16.0368, -36.4209



85.1560, 3.3741, -8.9068



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



114.4990, 13.0650, -37.2716



142.0170, 20.6976, -58.7739



94.5410, 22.9043, -19.7685



68.3200, 1.3212, -3.7886



83.4820, 25.3984, -73.2137



5.0210, 1.4686, -4.4034



# Inverse Universe

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



99.3570, 15.6000, 36.5209



118.1930, 24.5549, 57.7127



118.4590, -22.9043, 19.7685



66.7770, 1.5889, 3.7036



53.5890, 30.7686, 71.3974

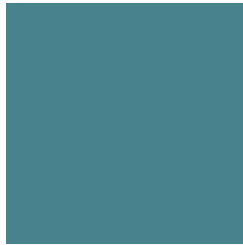


3.1900, 1.8783, 4.2184



# Previews

## White Background



This preview shows how the YUV color 114.4990, 13.0650, -37.2716 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

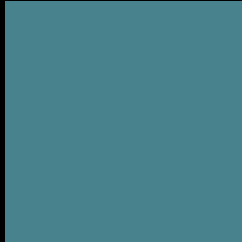
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 114.4990, 13.0650, -37.2716 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

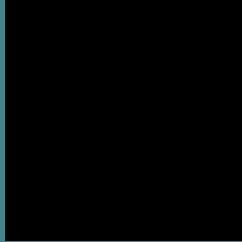
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 114.4990, 13.0650, -37.2716

## Background



This preview shows how black text looks on a background with the YUV color 114.4990, 13.0650, -37.2716.



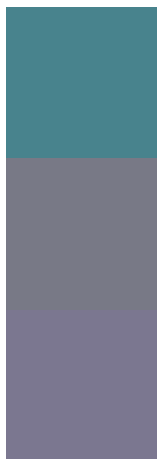
This preview shows how white text looks on a background with the YUV color 114.4990, 13.0650, -37.2716.



# 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

114.4990, 13.0650, -37.2716

### Protanopia

122.1830, 5.8258, -1.9145

### Deuteranopia

123.0460, 10.3303, -0.0403



## Tritanopia

114.4990, 13.0650, -37.2716

# Trichromacy



## Original Color

114.4990, 13.0650, -37.2716

## Protanomaly

119.7900, 8.4845, -14.7248

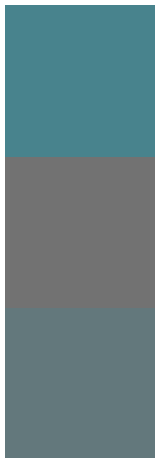
## Deuteranomaly

119.5990, 11.5367, -13.6803

## Tritanomaly

114.4990, 13.0650, -37.2716

# Monochromacy



## Original Color

114.4990, 13.0650, -37.2716

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

114.1770, 4.8427, -13.3102

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.4990, 13.0650, -37.2716 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(72, 131, 141)` looks like.

```
.text, #text, p{  
    color:rgb(72, 131, 141)  
}
```

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(72, 131, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 131, 141) }
```

## Border

The CSS property to change the border of an element to YUV 114.4990, 13.0650, -37.2716 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(72, 131, 141) }
```



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

```
.border{ border-color:rgb(72, 131, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 131, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 131, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 131, 141);  
box-shadow:4px 4px 4px 4px rgb(72, 131,  
141) }
```

# Background

The CSS property to change the background color of an element to YUV 114.4990, 13.0650, -37.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 131, 141) }
```

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

```
.background{ background-color: rgb(72, 131,  
141) }
```

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