

Converting Colors

YUV(97.7610, 8.9918, -37.5014)

Have a look what the booklet for
YUV(97.7610, 8.9918, -37.5014)
contains.

YUV(97.7610, 8.9918, -37.5014)	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(97.7610, 8.9918,
-37.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	377474
RGB	55, 116, 116
RGB Percent	22%, 45%, 45%
CMY	0.7843, 0.5451, 0.5451
CMYK	0.53, 0.00, 0.00, 0.55
HSL	180°, 36%, 34%
HSV	180°, 53%, 45%
XYZ	10.9733, 14.5640, 18.7558
YIQ	97.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

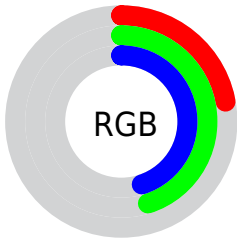
Format	Color
RYB	55, 86, 116
Decimal	3634292
CIELab	45.03, -19.60, -6.06
CIElCh	45, 20.514, 197.168
Yxy	14.5640, 0.2477, 0.3288
Android (android.graphics.Color)	4281824372 (0xFF377474)
YUV	97.7610, 8.9918, -37.5014
Hunter-Lab	38.1628, -15.4589, -2.4252

Details

The YUV color **97.7610, 8.9918, -37.5014** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.2390, -8.9918, 37.5014**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0600, 8.8444, -36.8866**, and **47.0810, 10.3131, -41.2900** is the 20% darker color. If you saturate the color by 10%, you get **94.1730, 10.7607, -44.8787**, and if you desaturate by 10%, it is **101.3490, 7.2229, -30.1241**.

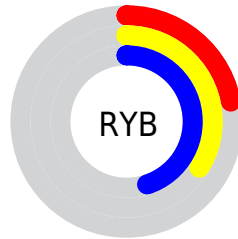
Distribution



Red (22%)

Green (45%)

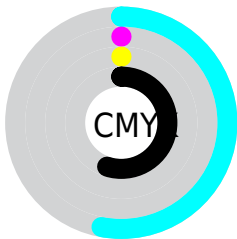
Blue (45%)



Red (22%)

Yellow (34%)

Blue (45%)

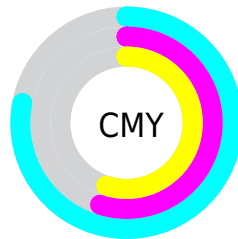


Cyan (53%)

Magenta (0%)

Yellow (0%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7610, 8.9918, -37.5014 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 97.7610, 8.9918, -37.5014 by changing the saturation by 10% instead.

97.7610, 8.9918,
-37.5014

97.7610, 8.9918,
-37.5014

255.0000, 0.0000,
0.0000

71.8640, 9.4340,
-39.3457

150.0600, 8.8444,
-36.8866

47.0810, 10.3131,
-41.2900

177.3480, 8.7024,
-38.0162

31.6590, 7.0701,
-27.7649

205.3480, 8.7024,
-38.0162

18.1120, 3.3958,
-15.8842

233.1630, 9.2866,
-38.7310

0.0000, 0.0000,
0.0000

243.9370, 5.4541,
-22.7467

252.6080, 1.1793,

-4.9182

■ 97.7610, 8.9918,
-37.5014

■ 97.7610, 8.9918,
-37.5014

■ 94.1730, 10.7607,
-44.8787

■ 101.3490, 7.2229,
-30.1241

■ 90.8840, 12.3822,
-51.6413

■ 104.6380, 5.6015,
-23.3615

■ 87.2960, 14.1511,
-59.0186

■ 108.2260, 3.8326,
-15.9842

■ 84.0070, 15.7725,
-65.7811

■ 111.5150, 2.2111,
-9.2217

■ 81.3160, 17.0992,
-71.3141

■ 115.1030, 0.4422,
-1.8443

■ 118.6910, -1.3267,
5.5330

■ 121.9800, -2.9481,
12.2955

■ 125.5680, -4.7170,
19.6729

■ 128.8570, -6.3385,
26.4354

Harmonies

Analogous

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



100.1940, -1.0816, -26.4801



97.7610, 8.9918, -37.5014



98.5960, 15.9752, -37.3567

Triad

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



97.7610, 8.9918, -37.5014



109.1120, 10.2978, 10.4258



106.1580, -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.



97.7610, 8.9918, -37.5014



73.2390, -8.9918, 37.5014

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.



107.2500, -12.4482, 26.0907



97.7610, 8.9918, -37.5014



109.5390, 2.6923, 23.2063

Square

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



97.7610, 8.9918, -37.5014



107.0820, 15.7356, -7.0879



108.3950, -5.6177, 28.5946



105.0100, -15.2879, 3.4992

Rectangle

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



97.7610, 8.9918, -37.5014



101.5090, 17.9901, -30.2644



108.3950, -5.6177, 28.5946



106.7070, -15.6316, 20.4280

Sweetspot

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



97.7610, 8.9918, -37.5014



142.8240, 3.5378, -14.7546



90.8070, -17.6529, -31.4027



72.5150, 2.2111, -9.2217



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.



97.7610, 8.9918, -37.5014



121.8940, 13.8563, -57.7890



80.1510, 17.6736, -22.0574



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.



80.1930, 17.6529, 31.4027



94.8220, 27.2028, 48.3911



91.4360, -17.9629, 21.5426



55.4780, 1.7363, 3.0888



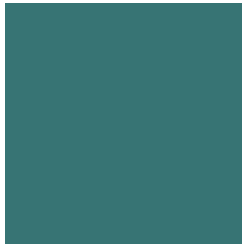
50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 97.7610, 8.9918, -37.5014 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 97.7610, 8.9918, -37.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

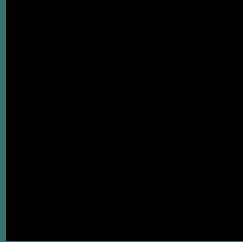
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.7610, 8.9918, -37.5014

Background



This preview shows how black text looks on a background with the YUV color 97.7610, 8.9918, -37.5014.



This preview shows how white text looks on a background with the YUV color 97.7610, 8.9918, -37.5014.

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

97.7610, 8.9918, -37.5014

Protanopia

106.1680, 1.8892, 0.7297

Deuteranopia

106.9170, 5.9569, 2.7038



Tritanopia

98.9830, 12.3334, -35.9421

Trichromacy



Original Color

97.7610, 8.9918, -37.5014

Protanomaly

103.0630, 4.4059, -13.2103

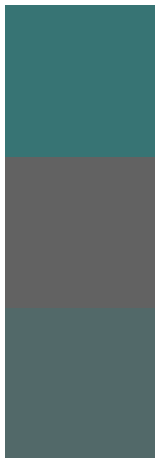
Deuteranomaly

103.7580, 7.0213, -12.0658

Tritanomaly

98.3420, 11.1704, -36.2569

Monochromacy



Original Color

97.7610, 8.9918, -37.5014

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7610, 8.9918, -37.5014 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(55, 116, 116)` looks like.

```
.text, #text, p{  
    color:rgb(55, 116, 116)  
}
```

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(55, 116, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 116, 116) }
```

Border

The CSS property to change the border of an element to YUV 97.7610, 8.9918, -37.5014 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(55, 116, 116) }
```


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

```
.border{ border-color:rgb(55, 116, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 116, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 116, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 116, 116);  
box-shadow:4px 4px 4px 4px rgb(55, 116,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 97.7610, 8.9918, -37.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 116, 116) }
```

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

```
.background{ background-color: rgb(55, 116,  
116) }
```

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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