

Converting Colors

YUV(97.1510, 7.8136, 13.8996)

Have a look what the booklet for
YUV(97.1510, 7.8136, 13.8996)
contains.

YUV(97.1510, 7.8136, 13.8996)	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(97.1510, 7.8136,
13.8996)**

Conversions

Conversions Part 1

Format	Color
Hex	715671
RGB	113, 86, 113
RGB Percent	44%, 34%, 44%
CMY	0.5569, 0.6627, 0.5569
CMYK	0.00, 0.24, 0.00, 0.56
HSL	300°, 14%, 39%
HSV	300°, 24%, 44%
XYZ	13.1185, 11.3585, 17.1238
YIQ	97.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

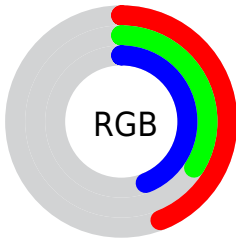
Format	Color
R_{YB}	113, 86, 113
Decimal	7427697
CIE _{Lab}	40.18, 16.25, -11.10
CIE _{LCh}	40, 19.677, 325.671
Yxy	11.3585, 0.3153, 0.2730
Android (android.graphics.Color)	4285617777 (0xFF715671)
YUV	97.1510, 7.8136, 13.8996
Hunter-Lab	33.7024, 10.5008, -6.5328

Details

The YUV color **97.1510, 7.8136, 13.8996** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **101.8490, -7.8136, -13.8996**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9770, 8.3923, 14.9292**, and **50.3250, 7.2348, 12.8700** is the 20% darker color. If you saturate the color by 10%, you get **90.6940, 10.9969, 19.5624**, and if you desaturate by 10%, it is **103.6080, 4.6303, 8.2368**.

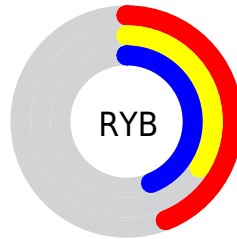
Distribution



Red (44%)

Green (34%)

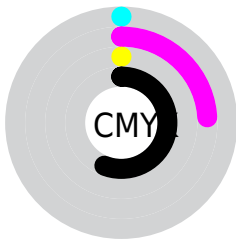
Blue (44%)



Red (44%)

Yellow (34%)

Blue (44%)

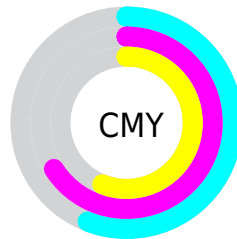


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (56%)



Cyan (56%)

Magenta (66%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.1510, 7.8136, 13.8996 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 97.1510, 7.8136, 13.8996 by changing the saturation by 10% instead.

■ 97.1510, 7.8136,
13.8996

■ 97.1510, 7.8136,
13.8996

■ 255.0000, 0.0000,
0.0000

■ 73.4390, 7.6716,
12.7700

■ 147.9770, 8.3923,
14.9292

■ 50.3250, 7.2348,
12.8700

■ 174.3900, 8.6817,
15.4440

■ 28.6130, 7.0928,
11.7404

■ 201.8030, 8.9711,
15.9588

■ 9.7980, 6.5086,
12.4552

■ 230.1020, 8.8237,
16.5735

■ 0.0000, 0.0000,
0.0000

■ 249.7170, 2.6045,
4.6332

97.1510, 7.8136,
13.8996

97.1510, 7.8136,
13.8996

90.6940, 10.9969,
19.5624

103.6080, 4.6303,
8.2368

83.6500, 14.4695,
25.7399

110.6520, 1.1576,
2.0592

77.1930, 17.6529,
31.4027

117.1090, -2.0257,
-3.6036

70.7360, 20.8362,
37.0655

123.5660, -5.2090,
-9.2664

64.2790, 24.0195,
42.7283

130.6100, -8.6817,
-15.4440

57.2350, 27.4921,
48.9059

137.0670,
-11.8650, -21.1068

50.7780, 30.6754,
54.5687


143.5240,
-15.0483, -26.7695

46.6690, 32.7012,

149.9810,

58.1723

-18.2316, -32.4323

 157.0250,
-21.7043, -38.6099

Harmonies

Analogous

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



95.6590, 13.9721, -1.4549



97.1510, 7.8136, 13.8996



96.9690, 0.5083, 23.7062

Triad

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



97.1510, 7.8136, 13.8996



94.0650, -15.3150, 12.2210



85.6300, 11.0284, -37.3865

Complementary

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



97.1510, 7.8136, 13.8996



101.8490, -7.8136, -13.8996

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.



87.3940, 2.2708, -28.4095



97.1510, 7.8136, 13.8996



92.4440, -13.5299, -0.3894

Square

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



97.1510, 7.8136, 13.8996



95.1140, -12.8742, 22.7020



90.3650, -7.0819, -15.2291



87.7320, 16.4011, -33.9680

Rectangle

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



97.1510, 7.8136, 13.8996



96.6120, -4.7387, 26.6503



90.3650, -7.0819, -15.2291



86.5440, 8.1128, -35.5571

Sweetspot

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



97.1510, 7.8136, 13.8996



142.1300, 2.8939, 5.1480



89.0780, 11.7935, -2.6994



70.4780, 1.7363, 3.0888



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



97.1510, 7.8136, 13.8996



122.7590, 12.4438, 22.1364



95.6690, 2.1352, 15.1993



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Inverse Universe

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



97.1510, 7.8136, 13.8996



122.7590, 12.4438, 22.1364



103.4450, -1.6984, -15.2993



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 97.1510, 7.8136, 13.8996 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 97.1510, 7.8136, 13.8996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

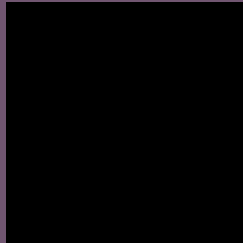
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.1510, 7.8136, 13.8996

Background



This preview shows how black text looks on a background with the YUV color 97.1510, 7.8136, 13.8996.



This preview shows how white text looks on a background with the YUV color 97.1510, 7.8136,

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

97.1510, 7.8136, 13.8996

Protanopia

95.2410, 11.2202, -5.4734

Deuteranopia

96.0630, 7.8569, -0.0553



Tritanopia

96.3760, -0.1854, 12.8252

Trichromacy



Original Color

97.1510, 7.8136, 13.8996

Protanomaly

95.9430, 9.8881, 1.8040

Deuteranomaly

96.0960, 7.8407, 5.1778

Tritanomaly

96.7720, 2.5774, 13.3550

Monochromacy



Original Color

97.1510, 7.8136, 13.8996

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1300, 2.8939, 5.1480

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.1510, 7.8136, 13.8996 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(113, 86, 113)` looks like.

```
.text, #text, p{  
    color:rgb(113, 86, 113)  
}
```

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(113, 86, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 86, 113) }
```

Border

The CSS property to change the border of an element to YUV 97.1510, 7.8136, 13.8996 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(113, 86, 113) }
```


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

```
.border{ border-color:rgb(113, 86, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 86, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 86, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 86, 113);  
box-shadow:4px 4px 4px 4px rgb(113, 86,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 97.1510, 7.8136, 13.8996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 86, 113) }
```

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

```
.background{ background-color: rgb(113, 86,  
113) }
```

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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