

Converting Colors

YUV(97.8770, 13.3716, 4.4929)

Have a look what the booklet for
YUV(97.8770, 13.3716, 4.4929)
contains.

YUV(97.8770, 13.3716, 4.4929)	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(97.8770, 13.3716,
4.4929)**

Conversions

Conversions Part 1

Format	Color
Hex	675A7D
RGB	103, 90, 125
RGB Percent	40%, 35%, 49%
CMY	0.5961, 0.6471, 0.5098
CMYK	0.18, 0.28, 0.00, 0.51
HSL	262°, 16%, 42%
HSV	262°, 28%, 49%
XYZ	12.9514, 11.6766, 20.9732
YIQ	97.8770, -3.4870, 13.6410

Conversions

Conversions Part 2

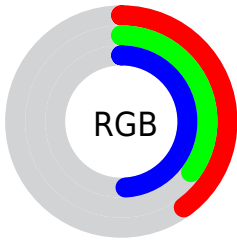
Format	Color
R_{YB}	103, 90, 125
Decimal	6773373
CIE _{Lab}	40.70, 12.91, -17.75
CIE _{LCh}	41, 21.948, 306.025
Yxy	11.6766, 0.2840, 0.2561
Android (android.graphics.Color)	4284963453 (0xFF675A7D)
YUV	97.8770, 13.3716, 4.4929
Hunter-Lab	34.1710, 7.8552, -12.4709

Details

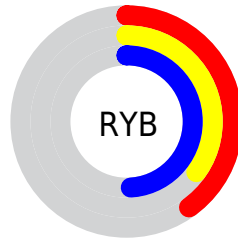
The YUV color **97.8770, 13.3716, 4.4929** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **117.1230, -13.3716, -4.4929**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5180, 14.5346, 4.8077**, and **50.9370, 12.3561, 3.5633** is the 20% darker color. If you saturate the color by 10%, you get **88.4410, 18.0236, 5.7522**, and if you desaturate by 10%, it is **107.9000, 8.4303, 2.7187**.

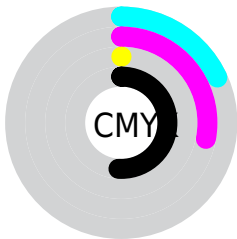
Distribution



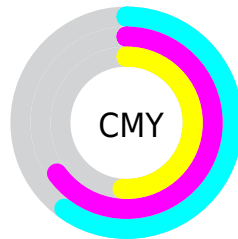
- Red (40%)
- Green (35%)
- Blue (49%)



- Red (40%)
- Yellow (35%)
- Blue (49%)



- Cyan (18%)
- Magenta (28%)
- Yellow (0%)
- Black (51%)



- Cyan (60%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.8770, 13.3716, 4.4929 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 97.8770, 13.3716, 4.4929 by changing the saturation by 10% instead.

■ 97.8770, 13.3716,
4.4929

■ 97.8770, 13.3716,
4.4929

■ 255.0000, 0.0000,
0.0000

■ 74.3500, 12.6454,
4.0780

■ 148.5180, 14.5346,
4.8077

■ 50.9370, 12.3561,
3.5633

■ 174.9310, 14.8240,
5.3225

■ 29.9970, 11.3405,
2.6336

■ 202.9310, 14.8240,
5.3225

■ 7.8340, 11.9138,
5.4076

■ 230.5460, 12.0558,
6.5372

■ 0.4560, 1.7472,
-0.3999

■ 252.0650, 1.4470,
2.5740

■ 0.0000, 0.0000,
0.0000

■ 97.8770, 13.3716,
4.4929

■ 97.8770, 13.3716,
4.4929

■ 88.4410, 18.0236,
5.7522

■ 107.9000, 8.4303,
2.7187

■ 78.4180, 22.9649,
7.5264

■ 117.3360, 3.7784,
1.4593

■ 68.9820, 27.6169,
8.7858

■ 127.3590, -1.1630,
-0.3148

■ 59.2580, 32.4108,
11.1747

■ 136.4960, -5.6675,
-2.1890

■ 49.2350, 37.3521,
12.9489

■ 146.5190,
-10.6089, -3.9632

■ 39.7990, 42.0041,
14.2083

■ 155.9550,
-15.2608, -5.2225

■ 30.3630, 46.6560,
15.4676


■ 165.9780,
-20.2022, -6.9967

■ 28.0040, 47.8190,

■ 175.4140,

15.7825

-24.8541, -8.2561

 185.4370,
-29.7954, -10.0302

Harmonies

Analogous

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



94.3090, 18.0887, -15.1800



97.8770, 13.3716, 4.4929



98.4400, 6.1921, 20.6621

Triad

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



97.8770, 13.3716, 4.4929



96.0060, -15.7790, 21.0427



86.3650, 6.2291, -38.0311

Complementary

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



97.8770, 13.3716, 4.4929



117.1230, -13.3716, -4.4929

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.



89.4180, -4.1501, -22.2916



97.8770, 13.3716, 4.4929



94.5870, -17.0514, 9.1322

Square

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



97.8770, 13.3716, 4.4929



97.4290, -10.5645, 28.5648



92.2260, -12.9294, -6.3372



84.7260, 15.4181, -45.3637

Rectangle

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



97.8770, 13.3716, 4.4929



98.5780, 0.2080, 26.6801



92.2260, -12.9294, -6.3372



87.7740, 2.5764, -33.1278

Sweetspot

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



97.8770, 13.3716, 4.4929



152.9770, 4.9413, 1.7742



106.9040, 8.9213, -14.8248



74.9230, 3.4890, 0.9445



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



97.8770, 13.3716, 4.4929



120.2500, 21.0757, 6.7968



102.9600, 10.8657, 14.9441



58.6950, 2.6154, 1.1445



28.6450, 48.9820, 16.0973



0.0000, 0.0000, 0.0000

Inverse Universe

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



102.9730, 4.4503, 19.3177



128.4350, 7.1805, 30.3135



112.0400, -10.8657, -14.9441



59.5490, 0.7153, 3.9035



47.3920, 16.0757, 70.6932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 97.8770, 13.3716, 4.4929 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 97.8770, 13.3716, 4.4929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

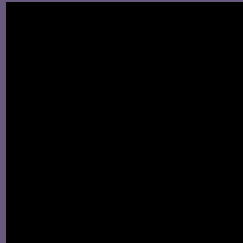
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.8770, 13.3716, 4.4929

Background



This preview shows how black text looks on a background with the YUV color 97.8770, 13.3716, 4.4929.



This preview shows how white text looks on a background with the YUV color 97.8770, 13.3716,

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

97.8770, 13.3716, 4.4929

Protanopia

96.1850, 16.1778, -8.9322

Deuteranopia

96.2240, 13.6936, -5.4584



Tritanopia

96.4070, 2.7573, 2.2741

Trichromacy



Original Color

97.8770, 13.3716, 4.4929

Protanomaly

96.6910, 15.4353, -4.1140

Deuteranomaly

97.1320, 13.2459, -1.8698

Tritanomaly

97.0310, 6.3937, 2.6038

Monochromacy



Original Color

97.8770, 13.3716, 4.4929

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9770, 4.9413, 1.7742

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.8770, 13.3716, 4.4929 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(103, 90, 125)` looks like.

```
.text, #text, p{  
    color:rgb(103, 90, 125)  
}
```

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(103, 90, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 90, 125) }
```

Border

The CSS property to change the border of an element to YUV 97.8770, 13.3716, 4.4929 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(103, 90, 125) }
```


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

```
.border{ border-color:rgb(103, 90, 125) }
```

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

Here you see how a box with a 4 pixel rgb(103, 90, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 90, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 90, 125);  
box-shadow:4px 4px 4px 4px rgb(103, 90,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 97.8770, 13.3716, 4.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 90, 125) }
```

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

```
.background{ background-color: rgb(103, 90,  
125) }
```

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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