

Converting Colors

YUV(99.3480, 22.5064, 14.6038)

Have a look what the booklet for
YUV(99.3480, 22.5064, 14.6038)
contains.

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Color

**YUV(99.3480, 22.5064,
14.6038)**

Conversions

Conversions Part 1

Format	Color
Hex	745291
RGB	116, 82, 145
RGB Percent	45%, 32%, 57%
CMY	0.5451, 0.6784, 0.4314
CMYK	0.20, 0.43, 0.00, 0.43
HSL	272°, 28%, 45%
HSV	272°, 43%, 57%
XYZ	15.3306, 11.7919, 28.2561
YIQ	99.3480, 0.0410, 26.8010

Conversions

Conversions Part 2

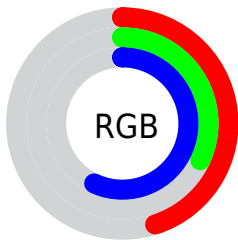
Format	Color
R _Y B	116, 82, 145
Decimal	7623313
CIE Lab	40.88, 26.98, -29.49
CIE LCh	41, 39.976, 312.455
Yxy	11.7919, 0.2768, 0.2129
Android (android.graphics.Color)	4285813393 (0xFF745291)
YUV	99.3480, 22.5064, 14.6038
Hunter-Lab	34.3394, 19.5963, -24.7492

Details

The YUV color **99.3480, 22.5064, 14.6038** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.6520, -22.5064, -14.6038**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7010, 23.8114, 16.0482**, and **51.5820, 20.9121, 12.6446** is the 20% darker color. If you saturate the color by 10%, you get **89.0370, 27.5898, 17.5076**, and if you desaturate by 10%, it is **110.2460, 17.1337, 11.1853**.

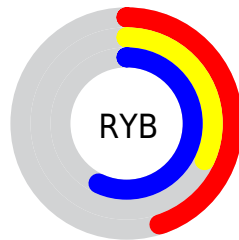
Distribution



Red (45%)

Green (32%)

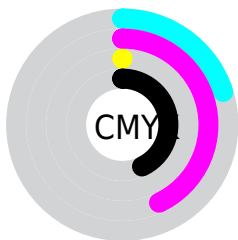
Blue (57%)



Red (45%)

Yellow (32%)

Blue (57%)

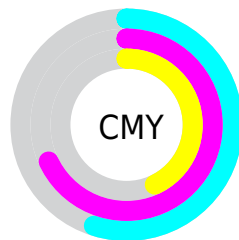


Cyan (20%)

Magenta (43%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (68%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.3480, 22.5064, 14.6038 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 99.3480, 22.5064, 14.6038 by changing the saturation by 10% instead.

■ 99.3480, 22.5064,
14.6038

■ 99.3480, 22.5064,
14.6038

■ 255.0000, 0.0000,
0.0000

■ 74.8210, 21.7802,
14.1890

■ 150.7010, 23.8114,
16.0482

■ 51.5820, 20.9121,
12.6446

■ 177.5270, 24.3902,
17.0778

■ 28.7560, 20.3333,
11.6150

■ 205.5270, 24.3902,
17.0778

■ 12.6480, 17.4285,
9.9557

■ 230.0470, 12.3018,
21.0068

■ 3.5510, 11.0674,
-3.1142

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

99.3480, 22.5064,
14.6038

99.3480, 22.5064,
14.6038

89.0370, 27.5898,
17.5076

110.2460, 17.1337,
11.1853

78.4380, 32.8151,
21.5409

120.2580, 12.1978,
7.6667

68.1270, 37.8984,
24.4446

131.1560, 6.8251,
4.2482

57.2290, 43.2711,
27.8632

141.4670, 1.7418,
1.3444

47.2170, 48.2070,
31.3817

152.0660, -3.4835,
-2.6889


39.8520, 51.8380,
33.4558

162.3770, -8.5669,
-5.5926

173.2750,
-13.9396, -9.0112

183.2870,

-18.8755, -12.5297

 194.1850,
-24.2482, -15.9482

Harmonies

Analogous

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



92.2440, 33.4037, -27.4010



99.3480, 22.5064, 14.6038



98.0820, 9.3266, 42.0241

Triad

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



99.3480, 22.5064, 14.6038



94.1740, -30.6518, 31.4194



78.1700, 15.1992, -68.5551

Complementary

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



99.3480, 22.5064, 14.6038



127.6520, -22.5064, -14.6038

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.



73.7070, 0.6374, -64.6410



99.3480, 22.5064, 14.6038



91.3900, -31.7443, 8.4280

Square

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



99.3480, 22.5064, 14.6038



95.0310, -20.2283, 48.2078



87.3740, -20.8904, -19.6220



81.1170, 29.0293, -71.1396

Rectangle

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



99.3480, 22.5064, 14.6038



96.5040, -0.7415, 51.3010



87.3740, -20.8904, -19.6220



76.9160, 10.3944, -67.4553

Sweetspot

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



99.3480, 22.5064, 14.6038



170.7370, 9.0037, 5.4927



106.2050, 19.1259, -21.2278



83.1020, 5.3727, 3.4185



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



99.3480, 22.5064, 14.6038



118.0190, 34.9936, 22.7853



107.7910, 17.3580, 32.6323



65.9940, 2.4680, 1.7593



37.2170, 48.2070, 31.3817



2.1080, 2.9048, 1.6593

Inverse Universe

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



104.1430, 3.3805, 35.8316



125.4320, 5.2100, 55.7491



119.2090, -17.3580, -32.6323



66.5490, 0.7153, 3.9035



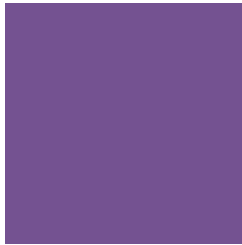
47.4330, 7.1815, 76.7963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 99.3480, 22.5064, 14.6038 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 99.3480, 22.5064, 14.6038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

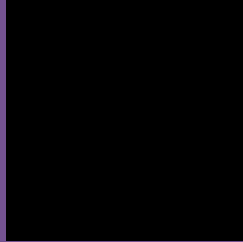
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.3480, 22.5064, 14.6038

Background



This preview shows how black text looks on a background with the YUV color 99.3480, 22.5064, 14.6038.



This preview shows how white text looks on a background with the YUV color 99.3480, 22.5064,

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

99.3480, 22.5064, 14.6038

Protanopia

95.3760, 29.8876, -19.6238

Deuteranopia

95.5630, 22.8934, -16.2798



Tritanopia

97.5820, 0.6991, 9.1366

Trichromacy



Original Color

99.3480, 22.5064, 14.6038

Protanomaly

96.7690, 27.2289, -6.8134

Deuteranomaly

96.9280, 22.7135, -5.1989

Tritanomaly

98.0690, 8.8400, 11.3405

Monochromacy



Original Color

99.3480, 22.5064, 14.6038

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2100, 8.2775, 5.0778

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3480, 22.5064, 14.6038 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(116, 82, 145)` looks like.

```
.text, #text, p{  
    color:rgb(116, 82, 145)  
}
```

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(116, 82, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 82, 145) }
```

Border

The CSS property to change the border of an element to YUV 99.3480, 22.5064, 14.6038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

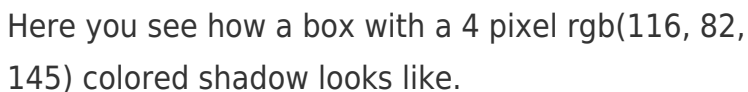
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 82, 145) }
```


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

```
.border{ border-color:rgb(116, 82, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 82, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 82, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 82, 145); box-shadow:4px 4px 4px 4px rgb(116, 82, 145) }
```

Background

The CSS property to change the background color of an element to YUV 99.3480, 22.5064, 14.6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 82, 145) }
```

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

```
.background{ background-color: rgb(116, 82,  
145) }
```

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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