

Converting Colors

YUV(99.9300, 19.7545, 10.5854)

Have a look what the booklet for
YUV(99.9300, 19.7545, 10.5854)
contains.

YUV(99.9300, 19.7545, 10.5854)	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(99.9300, 19.7545,
10.5854)**

Conversions

Conversions Part 1

Format	Color
Hex	70568C
RGB	112, 86, 140
RGB Percent	44%, 34%, 55%
CMY	0.5608, 0.6627, 0.4510
CMYK	0.20, 0.39, 0.00, 0.45
HSL	269°, 24%, 44%
HSV	269°, 39%, 55%
XYZ	14.7435, 11.9938, 26.3489
YIQ	99.9300, -1.8380, 22.3060

Conversions

Conversions Part 2

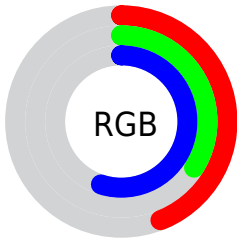
Format	Color
R_{YB}	112, 86, 140
Decimal	7362188
CIE Lab	41.21, 22.07, -26.00
CIE LCh	41, 34.107, 310.330
Yxy	11.9938, 0.2777, 0.2259
Android (android.graphics.Color)	4285552268 (0xFF70568C)
YUV	99.9300, 19.7545, 10.5854
Hunter-Lab	34.6320, 15.3848, -20.8669

Details

The YUV color **99.9300, 19.7545, 10.5854** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **126.0700, -19.7545, -10.5854**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2830, 21.0595, 12.0298**, and **52.5770, 18.4495, 9.1410** is the 20% darker color. If you saturate the color by 10%, you get **89.6190, 24.8378, 13.4891**, and if you desaturate by 10%, it is **110.2410, 14.6712, 7.6816**.

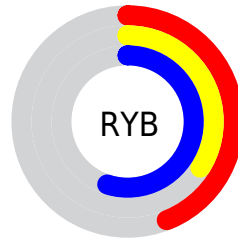
Distribution



Red (44%)

Green (34%)

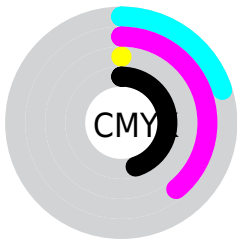
Blue (55%)



Red (44%)

Yellow (34%)

Blue (55%)

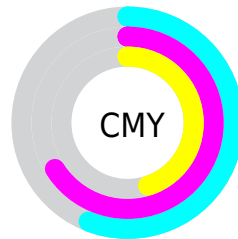


Cyan (20%)

Magenta (39%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (66%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9300, 19.7545, 10.5854 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 99.9300, 19.7545, 10.5854 by changing the saturation by 10% instead.

■ 99.9300, 19.7545,
10.5854

■ 99.9300, 19.7545,
10.5854

■ 255.0000, 0.0000,
0.0000

■ 75.4030, 19.0283,
10.1706

■ 151.2830, 21.0595,
12.0298

■ 52.5770, 18.4495,
9.1410

■ 177.8100, 21.7857,
12.4446

■ 30.3380, 17.5814,
7.5966

■ 205.8100, 21.7857,
12.4446

■ 11.5940, 15.9762,
9.1261

■ 230.9000, 11.8813,
15.8737

■ 3.0950, 9.3202,
-2.7143

■ 249.7170, 2.6045,
4.6332

■ 0.0000, 0.0000,
0.0000

■ 99.9300, 19.7545,
10.5854

■ 99.9300, 19.7545,
10.5854

■ 89.6190, 24.8378,
13.4891

■ 110.2410, 14.6712,
7.6816

■ 79.0090, 30.0686,
15.7781

■ 120.8510, 9.4405,
5.3927

■ 68.6980, 35.1519,
18.6819

■ 131.1620, 4.3571,
2.4889

■ 58.3870, 40.2352,
21.5856

■ 141.4730, -0.7262,
-0.4148

■ 48.0760, 45.3185,
24.4893

■ 151.7840, -5.8095,
-3.3186

■ 37.4660, 50.5493,
26.7783


■ 162.3940,
-11.0402, -5.6075

■ 35.9930, 51.2755,
27.1931

■ 172.7050,
-16.1236, -8.5113

■ 183.0160,

-21.2069, -11.4150

 193.3270,
-26.2902, -14.3188

Harmonies

Analogous

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



94.3000, 28.4461, -23.9421



99.9300, 19.7545, 10.5854



99.5110, 8.6221, 34.6319

Triad

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



99.9300, 19.7545, 10.5854



95.8300, -25.5522, 29.0901



77.2410, 14.1782, -67.7404

Complementary

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



99.9300, 19.7545, 10.5854



126.0700, -19.7545, -10.5854

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.



82.6170, -2.7692, -45.2681



99.9300, 19.7545, 10.5854



93.7690, -26.5081, 8.9726

Square

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



99.9300, 19.7545, 10.5854



96.7960, -17.1544, 42.2749



90.3900, -18.4333, -14.3740



79.7320, 26.2611, -69.9250

Rectangle

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



99.9300, 19.7545, 10.5854



98.2750, -0.1356, 43.6088



90.3900, -18.4333, -14.3740



76.2150, 10.2470, -66.8406

Sweetspot

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



99.9300, 19.7545, 10.5854



164.7970, 7.9881, 4.5630



109.1790, 15.1948, -20.3280



82.2760, 4.7939, 2.3889



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.



99.9300, 19.7545, 10.5854



119.4220, 30.3580, 16.2929



107.7040, 15.9219, 26.5696



63.6950, 2.6154, 1.1445



34.2980, 48.6601, 26.0487



1.1680, 1.8892, 0.7297

Inverse Universe

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



105.3380, 4.2704, 30.3986



127.7190, 6.5475, 46.7274



118.2960, -15.9219, -26.5696



64.5490, 0.7153, 3.9035



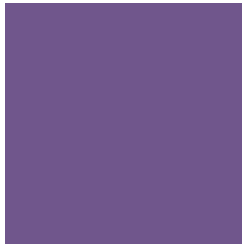
47.6330, 10.5339, 74.8669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 99.9300, 19.7545, 10.5854 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 99.9300, 19.7545, 10.5854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

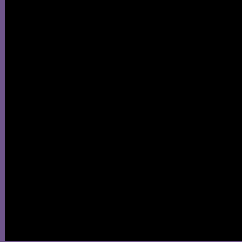
Any Text WCAG AA × Fail

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 99.9300, 19.7545, 10.5854 Background



This preview shows how black text looks on a background with the YUV color 99.9300, 19.7545, 10.5854.



This preview shows how white text looks on a background with the YUV color 99.9300, 19.7545,

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

99.9300, 19.7545, 10.5854

Protanopia

96.8450, 25.2194, -15.6501

Deuteranopia

96.9010, 20.2618, -12.1912



Tritanopia

98.0870, 1.4361, 6.0627

Trichromacy



Original Color

99.9300, 19.7545, 10.5854

Protanomaly

97.7430, 23.2977, -5.9136

Deuteranomaly

97.9560, 20.2347, -3.4694

Tritanomaly

98.8190, 7.9772, 8.0517

Monochromacy



Original Color

99.9300, 19.7545, 10.5854

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9710, 7.4093, 3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9300, 19.7545, 10.5854 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(112, 86, 140)` looks like.

```
.text, #text, p{  
    color:rgb(112, 86, 140)  
}
```

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(112, 86, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 86, 140) }
```

Border

The CSS property to change the border of an element to YUV 99.9300, 19.7545, 10.5854 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(112, 86, 140) }
```


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

```
.border{ border-color:rgb(112, 86, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 86, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 86, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 86, 140);  
box-shadow:4px 4px 4px 4px rgb(112, 86,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 99.9300, 19.7545, 10.5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 86, 140) }
```

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

```
.background{ background-color: rgb(112, 86,  
140) }
```

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