

Converting Colors

YUV(99.4250, 19.0175, 13.6593)

Have a look what the booklet for
YUV(99.4250, 19.0175, 13.6593)
contains.

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Color

**YUV(99.4250, 19.0175,
13.6593)**

Conversions

Conversions Part 1

Format	Color
Hex	73548A
RGB	115, 84, 138
RGB Percent	45%, 33%, 54%
CMY	0.5490, 0.6706, 0.4588
CMYK	0.17, 0.39, 0.00, 0.46
HSL	274°, 24%, 44%
HSV	274°, 39%, 54%
XYZ	14.8280, 11.8205, 25.5448
YIQ	99.4250, 1.1420, 23.3660

Conversions

Conversions Part 2

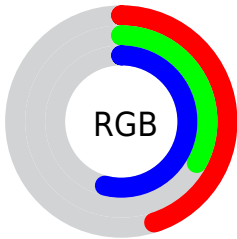
Format	Color
R_{YB}	115, 84, 138
Decimal	7558282
CIE _{Lab}	40.93, 23.78, -25.20
CIE _{LCh}	41, 34.646, 313.342
Yxy	11.8205, 0.2841, 0.2265
Android (android.graphics.Color)	4285748362 (0xFF73548A)
YUV	99.4250, 19.0175, 13.6593
Hunter-Lab	34.3809, 16.8180, -19.9855

Details

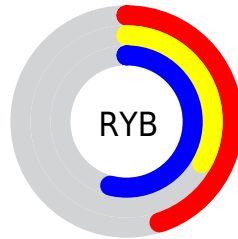
The YUV color **99.4250, 19.0175, 13.6593** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.5750, -19.0175, -13.6593**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7780, 20.3224, 15.1037**, and **52.0720, 17.7125, 12.2149** is the 20% darker color. If you saturate the color by 10%, you get **89.4130, 23.9534, 17.1778**, and if you desaturate by 10%, it is **109.4370, 14.0816, 10.1408**.

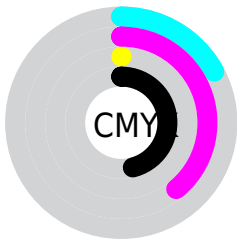
Distribution



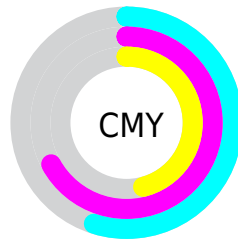
- Red (45%)
- Green (33%)
- Blue (54%)



- Red (45%)
- Yellow (33%)
- Blue (54%)



- Cyan (17%)
- Magenta (39%)
- Yellow (0%)
- Black (46%)



- Cyan (55%)
- Magenta (67%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4250, 19.0175, 13.6593 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 99.4250, 19.0175, 13.6593 by changing the saturation by 10% instead.

■ 99.4250, 19.0175,
13.6593

■ 99.4250, 19.0175,
13.6593

■ 255.0000, 0.0000,
0.0000

■ 74.8980, 18.2913,
13.2445

■ 150.7780, 20.3224,
15.1037

■ 52.0720, 17.7125,
12.2149

■ 177.3050, 21.0486,
15.5185

■ 29.8330, 16.8443,
10.6705

■ 205.6040, 20.9012,
16.1333

■ 12.2630, 14.6603,
11.1703

■ 230.6230, 12.0179,
18.7476

■ 2.8670, 8.4466,
-2.5144

■ 248.5430, 3.1833,
5.6628

■ 0.0000, 0.0000,
0.0000

99.4250, 19.0175,
13.6593

99.4250, 19.0175,
13.6593

89.4130, 23.9534,
17.1778

109.4370, 14.0816,
10.1408

79.4010, 28.8893,
20.6963

119.4490, 9.1456,
6.6222

69.9760, 33.5358,
23.7000

128.8740, 4.4991,
3.6185

59.9640, 38.4717,
27.2186

138.8860, -0.4368,
0.1000

50.2510, 43.2603,
31.3519

148.5990, -5.2253,
-4.0333

40.2390, 48.1962,
34.8704


158.6110,
-10.1612, -7.5518

39.3530, 48.6330,
34.7704

168.6230,
-15.0971, -11.0704

178.0480,

-19.7437, -14.0741

 188.0600,
-24.6796, -17.5926

Harmonies

Analogous

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



94.3220, 28.4353, -20.4534



99.4250, 19.0175, 13.6593



99.1800, 7.3063, 36.6761

Triad

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



99.4250, 19.0175, 13.6593



94.5910, -26.4204, 27.5457



77.5830, 15.4886, -68.0403

Complementary

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



99.4250, 19.0175, 13.6593



122.5750, -19.0175, -13.6593

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.



79.5560, -0.2741, -52.2306



99.4250, 19.0175, 13.6593



92.7580, -26.5027, 7.2282

Square

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



99.4250, 19.0175, 13.6593



96.1550, -18.3174, 41.9601



89.0090, -17.2594, -17.5479



79.3730, 27.4241, -69.6101

Rectangle

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



99.4250, 19.0175, 13.6593



97.5310, -1.7408, 45.1383



89.0090, -17.2594, -17.5479



76.4430, 11.1206, -67.0405

Sweetspot

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



99.4250, 19.0175, 13.6593



163.0960, 7.8407, 5.1778



103.6570, 16.9311, -17.2392



80.4610, 4.2097, 3.1037



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



99.4250, 19.0175, 13.6593



118.9280, 29.6155, 21.1111



105.8460, 13.8799, 28.1991



63.9940, 2.4680, 1.7593



37.8860, 46.8912, 33.4260



1.4670, 1.7418, 1.3444

Inverse Universe

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



102.7680, 2.0864, 30.8985



124.1060, 2.9057, 48.1420



116.1540, -13.8799, -28.1991



64.4350, 0.2785, 4.0035



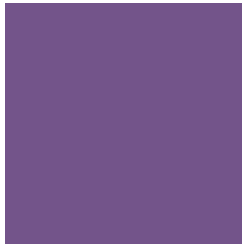
46.1510, 4.8556, 76.1666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 99.4250, 19.0175, 13.6593 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 99.4250, 19.0175, 13.6593 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 99.4250, 19.0175, 13.6593

Background



This preview shows how black text looks on a background with the YUV color 99.4250, 19.0175, 13.6593.



This preview shows how white text looks on a background with the YUV color 99.4250, 19.0175,

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

99.4250, 19.0175, 13.6593

Protanopia

95.8450, 25.2194, -15.6501

Deuteranopia

96.6730, 19.3882, -11.9912



Tritanopia

97.8810, 0.5517, 9.7514

Trichromacy



Original Color

99.4250, 19.0175, 13.6593

Protanomaly

97.0420, 23.1503, -5.2988

Deuteranomaly

98.0270, 19.2137, -2.6547

Tritanomaly

98.3140, 7.2402, 11.1256

Monochromacy



Original Color

99.4250, 19.0175, 13.6593

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.4550, 6.6777, 4.8630

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4250, 19.0175, 13.6593 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(115, 84, 138)` looks like.

```
.text, #text, p{  
    color:rgb(115, 84, 138)  
}
```

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(115, 84, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 84, 138) }
```

Border

The CSS property to change the border of an element to YUV 99.4250, 19.0175, 13.6593 is called "border". The border property can be set on classes, ids or directly on the HTML element.

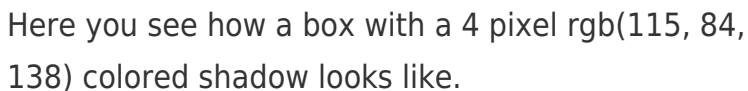
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 84, 138) }
```


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

```
.border{ border-color:rgb(115, 84, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 84, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 84, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 84, 138); box-shadow:4px 4px 4px 4px rgb(115, 84, 138) }
```

Background

The CSS property to change the background color of an element to YUV 99.4250, 19.0175, 13.6593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 84, 138) }
```

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

```
.background{ background-color: rgb(115, 84,  
138) }
```

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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