

Converting Colors

YUV(99.8370, 14.3774, 55.3940)

Have a look what the booklet for
YUV(99.8370, 14.3774, 55.3940)
contains.

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Color

**YUV(99.8370, 14.3774,
55.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	A33E81
RGB	163, 62, 129
RGB Percent	64%, 24%, 51%
CMY	0.3608, 0.7569, 0.4941
CMYK	0.00, 0.62, 0.21, 0.36
HSL	320°, 45%, 44%
HSV	320°, 62%, 64%
XYZ	20.7893, 12.8168, 22.1470
YIQ	99.8370, 38.6890, 42.2490

Conversions

Conversions Part 2

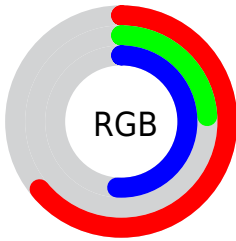
Format	Color
R_{YB}	163, 62, 129
Decimal	10698369
CIE _{Lab}	42.49, 49.16, -16.78
CIE _{LCh}	42, 51.949, 341.152
Yxy	12.8168, 0.3729, 0.2299
Android (android.graphics.Color)	4288888449 (0xFFA33E81)
YUV	99.8370, 14.3774, 55.3940
Hunter-Lab	35.8005, 41.0040, -11.6179

Details

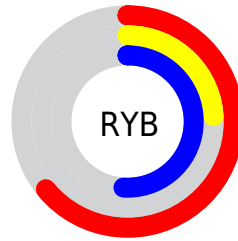
The YUV color **99.8370, 14.3774, 55.3940** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **125.1630, -14.3774, -55.3940**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0330, 13.7877, 57.8531**, and **41.4120, 19.0239, 58.3977** is the 20% darker color. If you saturate the color by 10%, you get **89.8750, 16.8236, 64.1306**, and if you desaturate by 10%, it is **109.7990, 11.9311, 46.6573**.

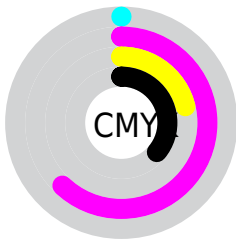
Distribution



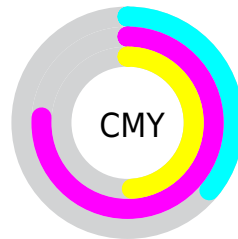
- Red (64%)
- Green (24%)
- Blue (51%)



- Red (64%)
- Yellow (24%)
- Blue (51%)



- Cyan (0%)
- Magenta (62%)
- Yellow (21%)
- Black (36%)



- Cyan (36%)
- Magenta (76%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8370, 14.3774, 55.3940 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 99.8370, 14.3774, 55.3940 by changing the saturation by 10% instead.

99.8370, 14.3774,
55.3940

99.8370, 14.3774,
55.3940

255.0000, 0.0000,
0.0000

72.1790, 15.6878,
55.0940

154.0330, 13.7877,
57.8531

41.4120, 19.0239,
58.3977

182.0440, 13.7823,
59.5974

30.7170, 12.9575,
44.0982

203.1670, 17.1727,
45.4575

21.0330, 6.8857,
31.5431

221.5410, 16.4953,
29.3435

9.5120, 0.2406,
16.2140

238.5640, 8.1029,
14.4144

0.0000, 0.0000,
0.0000

99.8370, 14.3774,
55.3940

99.8370, 14.3774,
55.3940

89.8750, 16.8236,
64.1306

109.7990, 11.9311,
46.6573

79.2120, 19.1225,
73.4821

120.4620, 9.6322,
37.3058

69.2500, 21.5688,
82.2188

130.4240, 7.1860,
28.5692

61.0490, 23.1468,
89.4110

140.5000, 5.1765,
19.7325

151.0490, 2.4408,
10.4810

161.1250, 0.4314,
1.6444

171.0870, -2.0149,
-7.0923

181.1630, -4.0244,

-15.9290

■ 191.7120, -6.7600,
-25.1804

Harmonies

Analogous

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



102.8350, 30.6473, 16.8077



99.8370, 14.3774, 55.3940



95.5990, -4.7323, 71.3887

Triad

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



99.8370, 14.3774, 55.3940



92.1550, -45.4324, 12.1421



87.6370, 33.7030, -76.8576

Complementary

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



99.8370, 14.3774, 55.3940



125.1630, -14.3774, -55.3940

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.



83.6640, 15.9416, -73.3733



99.8370, 14.3774, 55.3940



86.9790, -28.5836, -25.4146

Square

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



99.8370, 14.3774, 55.3940



95.0970, -43.9248, 42.0109



77.3600, -3.1355, -67.8447



86.3780, 46.6486, -75.7535

Rectangle

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



99.8370, 14.3774, 55.3940



96.0210, -18.2514, 67.5106



77.3600, -3.1355, -67.8447



86.8560, 28.1720, -76.1727

Sweetspot

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



99.8370, 14.3774, 55.3940



186.3370, 5.7499, 22.5065



83.6800, 39.1048, 10.8046



91.4130, 3.7404, 13.6698



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



99.8370, 14.3774, 55.3940



113.7990, 22.2841, 86.1223



94.1370, -7.4625, 60.3929



76.3750, 1.2941, 4.9331



54.2990, 20.5586, 79.5448



6.7500, 2.5882, 9.8663

Inverse Universe

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



99.8370, 14.3774, 55.3940



113.7990, 22.2841, 86.1223



130.8630, 7.4625, -60.3929



76.3750, 1.2941, 4.9331



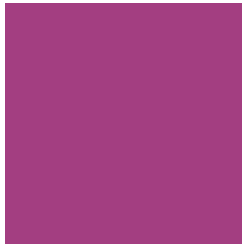
54.2990, 20.5586, 79.5448



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 99.8370, 14.3774, 55.3940 looks on a white background.

Color Contrast Check

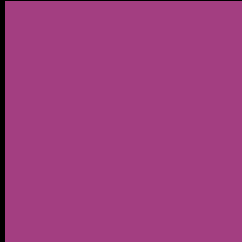
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.8370, 14.3774, 55.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

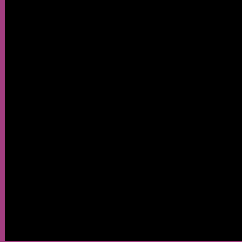
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.8370, 14.3774, 55.3940

Background



This preview shows how black text looks on a background with the YUV color 99.8370, 14.3774, 55.3940.



This preview shows how white text looks on a background with the YUV color 99.8370, 14.3774,

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

99.8370, 14.3774, 55.3940

Protanopia

99.9310, 28.1350, -17.4795

Deuteranopia

102.0350, 10.3357, -1.7847



Tritanopia

99.6860, -10.1982, 51.1414

Trichromacy



Original Color

99.8370, 14.3774, 55.3940

Protanomaly

100.1300, 23.1069, 8.6560

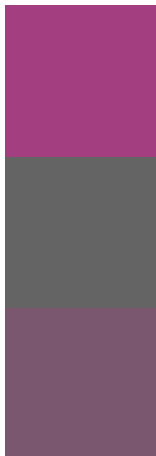
Deuteranomaly

101.5090, 11.5811, 18.8476

Tritanomaly

99.9880, -1.4731, 52.6305

Monochromacy



Original Color

99.8370, 14.3774, 55.3940

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9130, 5.4659, 20.2473

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8370, 14.3774, 55.3940 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(163, 62, 129)` looks like.

```
.text, #text, p{  
    color:rgb(163, 62, 129)  
}
```

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(163, 62, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 62, 129) }
```

Border

The CSS property to change the border of an element to YUV 99.8370, 14.3774, 55.3940 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(163, 62, 129) }
```


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

```
.border{ border-color:rgb(163, 62, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 62, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 62, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 62, 129);  
box-shadow:4px 4px 4px 4px rgb(163, 62,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 99.8370, 14.3774, 55.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 62, 129) }
```

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

```
.background{ background-color: rgb(163, 62,  
129) }
```

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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