

Converting Colors

YUV(94.8080, 14.8847, 32.6174)

Have a look what the booklet for
YUV(94.8080, 14.8847, 32.6174)
contains.

YUV(94.8080, 14.8847, 32.6174)	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(94.8080, 14.8847,
32.6174)**

Conversions

Conversions Part 1

Format	Color
Hex	84467D
RGB	132, 70, 125
RGB Percent	52%, 27%, 49%
CMY	0.4824, 0.7255, 0.5098
CMYK	0.00, 0.47, 0.05, 0.48
HSL	307°, 31%, 40%
HSV	307°, 47%, 52%
XYZ	15.4075, 10.7665, 20.6681
YIQ	94.8080, 19.2970, 30.2490

Conversions

Conversions Part 2

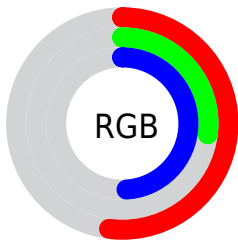
Format	Color
R_{YB}	132, 70, 125
Decimal	8668797
CIE _{Lab}	39.18, 34.76, -19.80
CIE _{LCh}	39, 40.004, 330.340
Yxy	10.7665, 0.3289, 0.2298
Android (android.graphics.Color)	4286858877 (0xFF84467D)
YUV	94.8080, 14.8847, 32.6174
Hunter-Lab	32.8124, 26.3957, -14.3774

Details

The YUV color **94.8080, 14.8847, 32.6174** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.1920, -14.8847, -32.6174**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3460, 15.6054, 34.7766**, and **45.2100, 15.1795, 31.3878** is the 20% darker color. If you saturate the color by 10%, you get **87.0630, 18.2099, 39.4097**, and if you desaturate by 10%, it is **102.5530, 11.5594, 25.8250**.

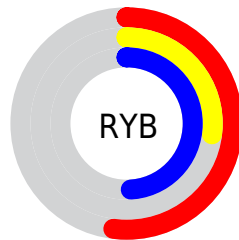
Distribution



Red (52%)

Green (27%)

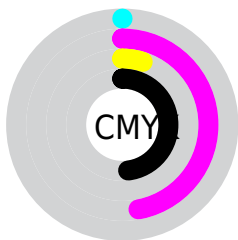
Blue (49%)



Red (52%)

Yellow (27%)

Blue (49%)

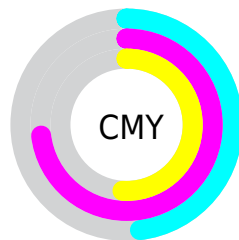


Cyan (0%)

Magenta (47%)

Yellow (5%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8080, 14.8847, 32.6174 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 94.8080, 14.8847, 32.6174 by changing the saturation by 10% instead.

■ 94.8080, 14.8847,
32.6174

■ 94.8080, 14.8847,
32.6174

■ 255.0000, 0.0000,
0.0000

■ 70.0960, 14.7427,
31.4878

■ 146.3460, 15.6054,
34.7766

■ 45.2100, 15.1795,
31.3878

■ 173.9440, 15.3106,
36.0061

■ 22.7860, 14.8955,
29.1287

■ 201.7700, 15.8894,
37.0357

■ 14.7110, 8.5235,
19.5475

■ 223.8890, 15.3377,
27.2843

■ 0.3420, 1.3104,
-0.2999

■ 240.3250, 7.2348,
12.8700

■ 0.0000, 0.0000,
0.0000

94.8080, 14.8847,
32.6174

94.8080, 14.8847,
32.6174

87.0630, 18.2099,
39.4097

102.5530, 11.5594,
25.8250

79.2040, 21.0984,
46.3021

110.4120, 8.6709,
18.9327

70.8720, 24.7131,
53.6093

118.7440, 5.0562,
11.6255

63.0130, 27.6016,
60.5016

126.6030, 2.1677,
4.7332

55.2680, 30.9269,
67.2940

134.3480, -1.1576,
-2.0592


52.8060, 31.6476,
69.4531

142.2070, -4.0461,
-8.9515

149.9520, -7.3713,
-15.7439

158.3980,

-10.5492, -23.1510

 166.1430,
-13.8745, -29.9434

Harmonies

Analogous

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



94.1010, 27.0652, -0.9656



94.8080, 14.8847, 32.6174



91.8460, 0.5689, 51.0011

Triad

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



94.8080, 14.8847, 32.6174



88.5160, -32.7924, 17.9645



77.5320, 22.9087, -67.9956

Complementary

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



94.8080, 14.8847, 32.6174



107.1920, -14.8847, -32.6174

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.



73.8840, 8.9312, -64.7963



94.8080, 14.8847, 32.6174



85.3710, -26.3119, -7.3414

Square

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



94.8080, 14.8847, 32.6174



90.1410, -27.1845, 39.3413



76.7330, -8.7424, -42.7388



77.9200, 34.5494, -68.3358

Rectangle

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



94.8080, 14.8847, 32.6174



91.2240, -9.4774, 53.3006



76.7330, -8.7424, -42.7388



76.3920, 18.5407, -66.9958

Sweetspot

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



94.8080, 14.8847, 32.6174



156.5700, 5.6350, 12.6551



78.8620, 26.1970, -2.5100



77.9670, 3.4673, 7.9219



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



94.8080, 14.8847, 32.6174



113.3940, 22.9768, 50.5205



91.3880, 1.7807, 35.6167



62.4780, 1.7363, 3.0888



51.9800, 31.0689, 68.4235



1.1250, 0.4314, 1.6444

Inverse Universe

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



94.8080, 14.8847, 32.6174



113.3940, 22.9768, 50.5205



110.6120, -1.7807, -35.6167



62.4780, 1.7363, 3.0888



51.9800, 31.0689, 68.4235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 94.8080, 14.8847, 32.6174 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 94.8080, 14.8847, 32.6174 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 94.8080, 14.8847, 32.6174

Background



This preview shows how black text looks on a background with the YUV color 94.8080, 14.8847, 32.6174.



This preview shows how white text looks on a background with the YUV color 94.8080, 14.8847,

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

94.8080, 14.8847, 32.6174

Protanopia

92.0300, 24.6352, -14.9353

Deuteranopia

92.9250, 13.8410, -6.0732



Tritanopia

94.0360, -4.4547, 28.9094

Trichromacy



Original Color

94.8080, 14.8847, 32.6174

Protanomaly

92.9290, 21.2340, 2.6933

Deuteranomaly

93.4260, 14.0870, 8.3964

Tritanomaly

94.5830, 2.6706, 30.1837

Monochromacy



Original Color

94.8080, 14.8847, 32.6174

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8580, 5.4930, 11.5255

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8080, 14.8847, 32.6174 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(132, 70, 125)` looks like.

```
.text, #text, p{  
    color:rgb(132, 70, 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(132, 70, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 70, 125) }
```

Border

The CSS property to change the border of an element to YUV 94.8080, 14.8847, 32.6174 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(132, 70, 125) }
```


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

```
.border{ border-color:rgb(132, 70, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 70, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 70, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 70, 125);  
box-shadow:4px 4px 4px 4px rgb(132, 70,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 94.8080, 14.8847, 32.6174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 70, 125) }
```

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

```
.background{ background-color: rgb(132, 70,  
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](#).

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