

Converting Colors

YUV(96.0330, 3.4347, 18.3881)

Have a look what the booklet for
YUV(96.0330, 3.4347, 18.3881)
contains.

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Color

**YUV(96.0330, 3.4347,
18.3881)**

Conversions

Conversions Part 1

Format	Color
Hex	755467
RGB	117, 84, 103
RGB Percent	46%, 33%, 40%
CMY	0.5412, 0.6706, 0.5961
CMYK	0.00, 0.28, 0.12, 0.54
HSL	325°, 16%, 39%
HSV	325°, 28%, 46%
XYZ	12.9546, 11.1018, 14.2920
YIQ	96.0330, 13.5690, 12.9050

Conversions

Conversions Part 2

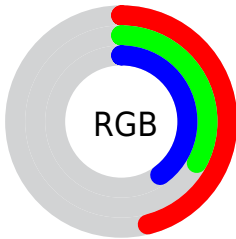
Format	Color
R_{YB}	117, 84, 103
Decimal	7689319
CIE Lab	39.75, 17.01, -5.52
CIE LCh	40, 17.880, 342.021
Yxy	11.1018, 0.3378, 0.2895
Android (android.graphics.Color)	4285879399 (0xFF755467)
YUV	96.0330, 3.4347, 18.3881
Hunter-Lab	33.3194, 11.0920, -2.1083

Details

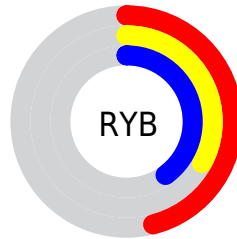
The YUV color **96.0330, 3.4347, 18.3881** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **104.9670, -3.4347, -18.3881**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0440, 3.4293, 20.1324**, and **49.0220, 3.4402, 16.6437** is the 20% darker color. If you saturate the color by 10%, you get **88.4190, 4.7234, 25.0655**, and if you desaturate by 10%, it is **103.6470, 2.1460, 11.7106**.

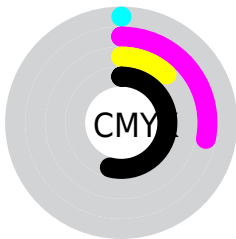
Distribution



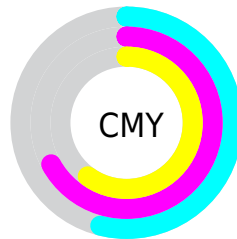
- Red (46%)
- Green (33%)
- Blue (40%)



- Red (46%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (28%)
- Yellow (12%)
- Black (54%)



- Cyan (54%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0330, 3.4347, 18.3881 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 96.0330, 3.4347, 18.3881 by changing the saturation by 10% instead.

■ 96.0330, 3.4347,
18.3881

■ 96.0330, 3.4347,
18.3881

■ 255.0000, 0.0000,
0.0000

■ 72.3210, 3.2927,
17.2585

■ 147.0440, 3.4293,
20.1324

■ 49.0220, 3.4402,
16.6437

■ 173.4570, 3.7187,
20.6472

■ 27.4240, 3.7350,
15.4142

■ 200.7560, 3.5713,
21.2620

■ 9.5550, 1.6984,
15.2993

■ 229.1690, 3.8607,
21.7768

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.1833,
5.6628

96.0330, 3.4347,
18.3881

96.0330, 3.4347,
18.3881

88.4190, 4.7234,
25.0655

103.6470, 2.1460,
11.7106

81.3920, 5.7227,
31.2282

110.6740, 1.1467,
5.5479

73.7780, 7.0114,
37.9057

118.2880, -0.1420,
-1.1296

66.1640, 8.3001,
44.5832

125.9020, -1.4307,
-7.8071

58.5500, 9.5889,
51.2607

133.5160, -2.7194,
-14.4845

51.5230, 10.5882,
57.4233

140.5430, -3.7187,
-20.6472

43.9090, 11.8769,
64.1008


148.1570, -5.0074,
-27.3247

42.6210, 12.0188,

155.7710, -6.2961,

65.2304

-34.0022

 162.7980, -7.2954,
-40.1648

Harmonies

Analogous

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



95.5630, 9.5824, 6.5222



96.0330, 3.4347, 18.3881



95.5300, -3.7123, 24.0912

Triad

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



96.0330, 3.4347, 18.3881



92.4770, -13.5462, 4.8437



87.1190, 12.7593, -32.5534

Complementary

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



96.0330, 3.4347, 18.3881



104.9670, -3.4347, -18.3881

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.



86.7080, 6.0600, -30.4389



96.0330, 3.4347, 18.3881



90.8390, -9.2876, -7.7518

Square

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



96.0330, 3.4347, 18.3881



93.8420, -13.7261, 15.9246



88.2980, -2.1189, -20.4323



90.1570, 15.2056, -23.8167

Rectangle

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



96.0330, 3.4347, 18.3881



94.7920, -7.7855, 23.8614



88.2980, -2.1189, -20.4323



86.3640, 11.1595, -32.7682

Sweetspot

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



96.0330, 3.4347, 18.3881



145.3860, 1.2887, 6.6775



91.9480, 12.3506, 5.3076



71.8480, 0.5679, 4.5183



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



96.0330, 3.4347, 18.3881



119.9680, 5.4388, 28.9691



94.2090, -3.5540, 19.9877



55.1360, 0.4260, 3.3887



44.4580, 12.5922, 68.0043



91.1660, 26.0472, 139.2974

Inverse Universe

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



96.0330, 3.4347, 18.3881



119.9680, 5.4388, 28.9691



106.7910, 3.5540, -19.9877



55.1360, 0.4260, 3.3887



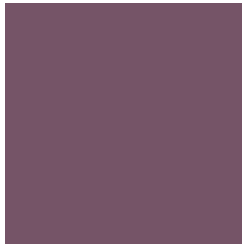
44.4580, 12.5922, 68.0043



91.1660, 26.0472, 139.2974

Previews

White Background



This preview shows how the YUV color 96.0330, 3.4347, 18.3881 looks on a white background.

Color Contrast Check

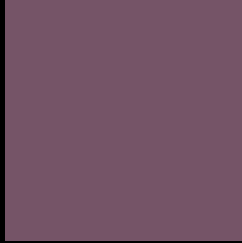
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.0330, 3.4347, 18.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

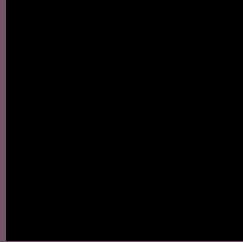
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.0330, 3.4347, 18.3881

Background



This preview shows how black text looks on a background with the YUV color 96.0330, 3.4347, 18.3881.



This preview shows how white text looks on a background with the YUV color 96.0330, 3.4347,

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

96.0330, 3.4347, 18.3881

Protanopia

94.2260, 7.2836, -2.8292

Deuteranopia

94.6460, 3.6255, 3.8185



Tritanopia

95.6540, -1.8014, 17.8434

Trichromacy



Original Color

96.0330, 3.4347, 18.3881

Protanomaly

94.9280, 5.9515, 4.4481

Deuteranomaly

94.9780, 3.4618, 9.6663

Tritanomaly

95.5230, 0.2352, 17.9583

Monochromacy



Original Color

96.0330, 3.4347, 18.3881

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.3860, 1.2887, 6.6775

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0330, 3.4347, 18.3881 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(117, 84, 103)` looks like.

```
.text, #text, p{  
    color:rgb(117, 84, 103)  
}
```

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(117, 84, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 84, 103) }
```

Border

The CSS property to change the border of an element to YUV 96.0330, 3.4347, 18.3881 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(117, 84, 103) }
```


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

```
.border{ border-color:rgb(117, 84, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 84, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 84, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 84, 103);  
box-shadow:4px 4px 4px 4px rgb(117, 84,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 96.0330, 3.4347, 18.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 84, 103) }
```

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

```
.background{ background-color: rgb(117, 84,  
103) }
```

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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