

Converting Colors

YUV(97.3300, -13.9667, -0.2894)

Have a look what the booklet for
YUV(97.3300, -13.9667, -0.2894)
contains.

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Color

**YUV(97.3300, -13.9667,
-0.2894)**

Conversions

Conversions Part 1

Format	Color
Hex	616745
RGB	97, 103, 69
RGB Percent	38%, 40%, 27%
CMY	0.6196, 0.5961, 0.7294
CMYK	0.06, 0.00, 0.33, 0.60
HSL	71°, 20%, 34%
HSV	71°, 33%, 40%
XYZ	10.8542, 12.6716, 7.5040
YIQ	97.3300, 7.3380, -11.8460

Conversions

Conversions Part 2

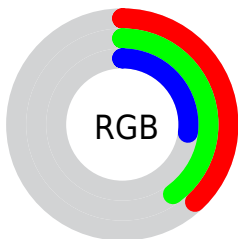
Format	Color
RYB	69, 103, 75
Decimal	6383429
CIELab	42.26, -8.56, 18.46
CIElCh	42, 20.344, 114.876
Yxy	12.6716, 0.3498, 0.4084
Android (android.graphics.Color)	4284573509 (0xFF616745)
YUV	97.3300, -13.9667, -0.2894
Hunter-Lab	35.5971, -7.8672, 12.4194

Details

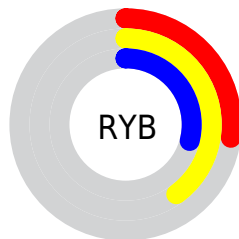
The YUV color $97.3300, -13.9667, -0.2894$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $74.6700, 13.9667, 0.2894$, and the grayscale version is $97.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $148.1020, -14.8403, -0.0895$, and $50.6720, -12.6563, -0.5893$ is the 20% darker color. If you saturate the color by 10%, you get $95.5920, -18.0399, -0.5192$, and if you desaturate by 10%, it is $99.0680, -9.8935, -0.0596$.

Distribution



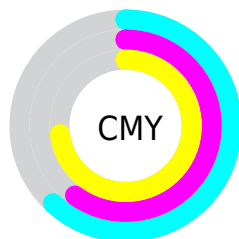
- Red (38%)
- Green (40%)
- Blue (27%)



- Red (27%)
- Yellow (40%)
- Blue (29%)



- Cyan (6%)
- Magenta (0%)
- Yellow (33%)
- Black (60%)



- Cyan (62%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3300, -13.9667, -0.2894 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 97.3300, -13.9667, -0.2894 by changing the saturation by 10% instead.

■ 97.3300, -13.9667,
-0.2894

■ 97.3300, -13.9667,
-0.2894

255.0000, 0.0000,
0.0000

■ 73.4440, -13.5299,
-0.3894

■ 148.1020,
-14.8403, -0.0895

■ 50.6720, -12.6563,
-0.5893

■ 174.8740,
-15.7139, 0.1105

■ 29.5150, -14.5509,
0.4253

■ 201.8740,
-15.7139, 0.1105

■ 8.2180, -4.0515,
-7.2072

■ 230.6460,
-16.5875, 0.3105

■ 0.0000, 0.0000,
0.0000

■ 251.5800,
-13.1039, 2.9993

254.8860, -0.4368,

0.1000

■ 97.3300, -13.9667,
-0.2894

■ 97.3300, -13.9667,
-0.2894

■ 95.5920, -18.0399,
-0.5192

■ 99.0680, -9.8935,
-0.0596

■ 93.7400, -22.5498,
-0.6490

■ 100.9200, -5.3836,
0.0702

■ 92.3010, -26.7704,
-0.2640

■ 102.3590, -1.1630,
-0.3148

■ 90.5630, -30.8436,
-0.4938

■ 104.0970, 2.9102,
-0.0851

■ 88.7110, -35.3535,
-0.6235

■ 105.9490, 7.4201,
0.0447

■ 86.9730, -39.4267,
-0.8533

■ 107.6870, 11.4933,
0.2745

■ 85.8760, -42.3369,
-0.7683

■ 109.4250, 15.5665,
0.5043

■ 111.1630, 19.6396,
0.7340

■ 112.7160, 24.2970,
0.2491

Harmonies

Analogous

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



99.1360, -16.3360, 13.0357



97.3300, -13.9667, -0.2894



95.2510, -7.5187, -15.1291

Triad

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



97.3300, -13.9667, -0.2894



92.8350, 16.8433, -35.8123



102.5670, 0.2135, 24.9357

Complementary

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



97.3300, -13.9667, -0.2894



74.6700, 13.9667, 0.2894

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.



102.2650, 8.2504, 13.7996



97.3300, -13.9667, -0.2894



97.1620, 17.6681, -20.3131

Square

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



97.3300, -13.9667, -0.2894



90.6190, 11.0338, -39.1309



100.4740, 14.5563, -2.1697



101.2270, -7.5069, 27.8649

Rectangle

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



97.3300, -13.9667, -0.2894



93.0910, -1.5239, -24.6358



100.4740, 14.5563, -2.1697



102.3540, 3.2765, 22.4915

Sweetspot

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



97.3300, -13.9667, -0.2894



132.9200, -5.3836, 0.0702



82.6880, -6.7482, 17.8136



67.4900, -3.1996, -0.4297



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



97.3300, -13.9667, -0.2894



126.1530, -22.2604, -0.1342



92.2470, -11.4608, -10.7406



50.1310, -2.0366, -0.1149



95.6110, -47.1362, -1.4128



201.5550, -99.3666, -2.2407

Inverse Universe

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



74.6700, 13.9667, 0.2894



90.1460, 22.1130, 0.7490



79.7530, 11.4608, 10.7406



46.8690, 2.0366, 0.1149



19.0900, 47.2836, 0.7981



40.4450, 99.3666, 2.2407

Previews

White Background



This preview shows how the YUV color 97.3300, -13.9667, -0.2894 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 97.3300, -13.9667, -0.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

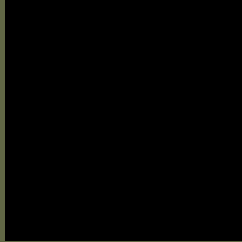
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.3300, -13.9667, -0.2894

Background



This preview shows how black text looks on a background with the YUV color 97.3300, -13.9667, -0.2894.



This preview shows how white text looks on a background with the YUV color 97.3300, -13.9667,

-0.2894.

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

97.3300, -13.9667, -0.2894

Protanopia

98.7440, -15.1568, 8.1175

Deuteranopia

99.4400, -14.0209, 17.1541



Tritanopia

100.1080, 2.9048, 1.6593

Trichromacy



Original Color

97.3300, -13.9667, -0.2894

Protanomaly

98.1350, -14.8566, 5.1436

Deuteranomaly

98.6950, -14.1466, 10.7915

Tritanomaly

99.2020, -3.0576, 0.6998

Monochromacy



Original Color

97.3300, -13.9667, -0.2894

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.0340, -4.9468, -0.0298

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3300, -13.9667, -0.2894 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(97, 103, 69)` looks like.

```
.text, #text, p{  
    color:rgb(97, 103, 69)  
}
```

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(97, 103, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 103, 69) }
```

Border

The CSS property to change the border of an element to YUV 97.3300, -13.9667, -0.2894 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(97, 103, 69) }
```


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

```
.border{ border-color:rgb(97, 103, 69) }
```

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

Here you see how a box with a 4 pixel rgb(97, 103, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 103, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 103, 69);  
box-shadow:4px 4px 4px 4px rgb(97, 103,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 97.3300, -13.9667, -0.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 103, 69) }
```

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

```
.background{ background-color: rgb(97, 103,  
69) }
```

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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