

Converting Colors

YUV(103.6940, -25.9781,
25.7014)

Have a look what the booklet for
YUV(103.6940, -25.9781, 25.7014)
contains.

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Color

**YUV(103.6940, -25.9781,
25.7014)**

Conversions

Conversions Part 1

Format	Color
Hex	856333
RGB	133, 99, 51
RGB Percent	52%, 39%, 20%
CMY	0.4784, 0.6118, 0.8000
CMYK	0.00, 0.26, 0.62, 0.48
HSL	35°, 45%, 36%
HSV	35°, 62%, 52%
XYZ	14.7322, 14.1492, 5.0866
YIQ	103.6940, 35.6720, -7.7200

Conversions

Conversions Part 2

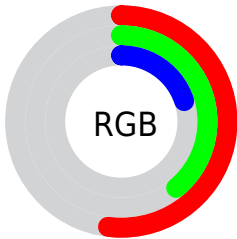
Format	Color
R_{YB}	109, 133, 51
Decimal	8741683
CIE _{Lab}	44.45, 8.04, 32.19
CIE _{LCh}	44, 33.176, 75.975
Yxy	14.1492, 0.4337, 0.4165
Android (android.graphics.Color)	4286931763 (0xFF856333)
YUV	103.6940, -25.9781, 25.7014
Hunter-Lab	37.6155, 4.0831, 18.3133

Details

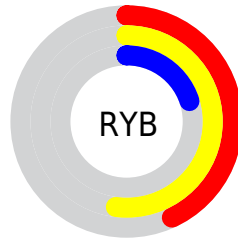
The YUV color **103.6940, -25.9781, 25.7014** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **80.3060, 25.9781, -25.7014**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.5480, -27.8782, 28.4604**, and **55.4870, -25.3831, 21.4979** is the 20% darker color. If you saturate the color by 10%, you get **98.6900, -29.9202, 30.0899**, and if you desaturate by 10%, it is **108.6980, -22.0361, 21.3129**.

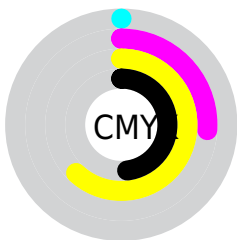
Distribution



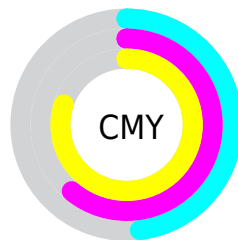
- Red (52%)
- Green (39%)
- Blue (20%)



- Red (43%)
- Yellow (52%)
- Blue (20%)



- Cyan (0%)
- Magenta (26%)
- Yellow (62%)
- Black (48%)



- Cyan (48%)
- Magenta (61%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6940, -25.9781, 25.7014 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 103.6940, -25.9781, 25.7014 by changing the saturation by 10% instead.

■ 103.6940,
-25.9781, 25.7014

■ 103.6940,
-25.9781, 25.7014

■ 255.0000, 0.0000,
0.0000

■ 78.9110, -25.0991,
23.7571

■ 155.5480,
-27.8782, 28.4604

■ 55.4870, -25.3831,
21.4979

■ 182.3310,
-28.7572, 30.4047

■ 34.6420, -17.0785,
17.8540

■ 210.4020,
-29.7782, 31.2194

■ 14.5520, -7.1741,
14.4249

■ 232.6070,
-27.4143, 19.6387

■ 0.0000, 0.0000,
0.0000

■ 249.3000,
-21.8399, 4.9989

■ 252.4920, -9.6096,

2.1995

■ 103.6940,
-25.9781, 25.7014

■ 103.6940,
-25.9781, 25.7014

■ 98.6900, -29.9202,
30.0899

■ 108.6980,
-22.0361, 21.3129

■ 94.1590, -34.5884,
34.0636

■ 113.2290,
-17.3679, 17.3392

■ 89.1550, -38.5304,
38.4521

■ 118.2330,
-13.4259, 12.9507

■ 85.5530, -42.1776,
41.6110

■ 122.6500, -9.1944,
9.0770

■ 127.7680, -4.8156,
4.5885

■ 132.1850, -0.5842,
0.7148

■ 137.1890, 3.3578,
-3.6738

■ 141.6060, 7.5892,
-7.5475

■ 146.7240, 11.9681,
-12.0359

Harmonies

Analogous

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



105.0300, -18.7488, 40.3157



103.6940, -25.9781, 25.7014



101.0890, -25.1869, 5.1839

Triad

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



103.6940, -25.9781, 25.7014



83.4190, 17.5414, -73.1585



108.0940, 17.7017, 15.7036

Complementary

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



103.6940, -25.9781, 25.7014



80.3060, 25.9781, -25.7014

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.



104.4860, 26.3824, -15.3352



103.6940, -25.9781, 25.7014



85.0950, 29.0402, -74.6283

Square

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



103.6940, -25.9781, 25.7014



89.5070, 0.7360, -49.5566



89.7360, 33.6542, -61.1585



107.7240, 5.5591, 37.0761

Rectangle

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



103.6940, -25.9781, 25.7014



99.0700, -19.7545, -10.5854



89.7360, 33.6542, -61.1585



107.8370, 20.7864, 6.2820

Sweetspot

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



103.6940, -25.9781, 25.7014



161.8350, -9.7787, 9.7917



79.3940, 2.7638, 47.0125



80.1380, -5.9840, 6.0180



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.



103.6940, -25.9781, 25.7014



127.2970, -40.5724, 40.0815



121.5590, -34.7856, 3.8948



64.1420, -2.0420, 1.6295



83.4820, -41.1566, 40.7963



1.4840, -0.7316, 1.3295

Inverse Universe

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



80.3060, 25.9781, -25.7014



90.7030, 40.5724, -40.0815



62.4410, 34.7856, -3.8948



61.8580, 2.0420, -1.6295



46.5180, 41.1566, -40.7963



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 103.6940, -25.9781, 25.7014 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 103.6940, -25.9781, 25.7014 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 103.6940, -25.9781, 25.7014

Background



This preview shows how black text looks on a background with the YUV color 103.6940, -25.9781, 25.7014.



This preview shows how white text looks on a background with the YUV color 103.6940, -25.9781, 25.7014.

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

103.6940, -25.9781, 25.7014

Protanopia

102.9480, -24.6244, 11.4466

Deuteranopia

103.3840, -25.8253, 23.3422



Tritanopia

107.0680, -2.9915, 26.2504

Trichromacy



Original Color

103.6940, -25.9781, 25.7014

Protanomaly

102.8670, -25.0774, 16.7796

Deuteranomaly

103.6830, -25.9727, 23.9570

Tritanomaly

105.8910, -11.2853, 26.4056

Monochromacy



Original Color

103.6940, -25.9781, 25.7014

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9490, -9.3419, 9.6917

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6940, -25.9781, 25.7014 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(133, 99, 51)` looks like.

```
.text, #text, p{  
    color:rgb(133, 99, 51)  
}
```

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(133, 99, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 99, 51) }
```

Border

The CSS property to change the border of an element to YUV 103.6940, -25.9781, 25.7014 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(133, 99, 51) }
```


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

```
.border{ border-color:rgb(133, 99, 51) }
```

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

Here you see how a box with a 4 pixel rgb(133, 99, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 99, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 99, 51);  
box-shadow:4px 4px 4px 4px rgb(133, 99,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 103.6940, -25.9781, 25.7014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 99, 51) }
```

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

```
.background{ background-color: rgb(133, 99,  
51) }
```

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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