

Converting Colors

YUV(104.3730, -5.6069,
25.1059)

Have a look what the booklet for
YUV(104.3730, -5.6069, 25.1059)
contains.

YUV(104.3730, -5.6069, 25.1059)	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(104.3730, -5.6069,
25.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	855C5D
RGB	133, 92, 93
RGB Percent	52%, 36%, 36%
CMY	0.4784, 0.6392, 0.6353
CMYK	0.00, 0.31, 0.30, 0.48
HSL	359°, 18%, 44%
HSV	359°, 31%, 52%
XYZ	15.4758, 13.4312, 12.1327
YIQ	104.3730, 24.1150, 9.0030

Conversions

Conversions Part 2

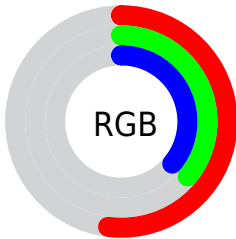
Format	Color
R_{YB}	133, 92, 93
Decimal	8739933
CIE _{Lab}	43.41, 16.97, 6.18
CIE _{LCh}	43, 18.060, 20.018
Yxy	13.4312, 0.3771, 0.3273
Android (android.graphics.Color)	4286930013 (0xFF855C5D)
YUV	104.3730, -5.6069, 25.1059
Hunter-Lab	36.6485, 11.2413, 6.0256

Details

The YUV color **104.3730, -5.6069, 25.1059** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120.6270, 5.6069, -25.1059**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1560, -6.4859, 27.0502**, and **56.8780, -4.8699, 22.0320** is the 20% darker color. If you saturate the color by 10%, you get **95.2600, -7.5232, 33.0980**, and if you desaturate by 10%, it is **113.4860, -3.6906, 17.1138**.

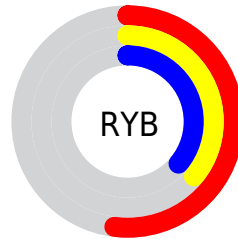
Distribution



Red (52%)

Green (36%)

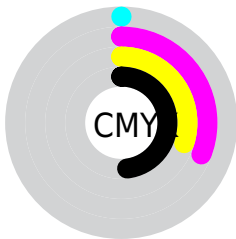
Blue (36%)



Red (52%)

Yellow (36%)

Blue (36%)

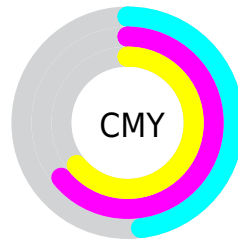


Cyan (0%)

Magenta (31%)

Yellow (30%)

Black (48%)



Cyan (48%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.3730, -5.6069, 25.1059 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 104.3730, -5.6069, 25.1059 by changing the saturation by 10% instead.


 104.3730, -5.6069,
25.1059

 104.3730, -5.6069,
25.1059


255.0000, 0.0000,
0.0000

 79.7750, -5.3121,
23.8763


 156.1560, -6.4859,
27.0502


 56.8780, -4.8699,
22.0320


 182.8680, -6.3439,
28.1798

 34.3940, -4.1382,
20.7025

 210.4660, -6.6387,
29.4093

 11.3620, -5.6015,
23.3615

 233.3830, -4.1328,
18.9581

 0.0000, 0.0000,
0.0000

253.7120, 0.1420,
1.1296

■ 104.3730, -5.6069,
25.1059

■ 104.3730, -5.6069,
25.1059

■ 95.2600, -7.5232,
33.0980

■ 113.4860, -3.6906,
17.1138

■ 85.5600, -9.1501,
41.6049

■ 123.1860, -2.0637,
8.6069

■ 76.4470, -11.0664,
49.5970

■ 132.2990, -0.1474,
0.6148

■ 67.3340, -12.9827,
57.5891

■ 141.4120, 1.7689,
-7.3773

■ 57.6340, -14.6096,
66.0960

■ 151.1120, 3.3958,
-15.8842

■ 48.5210, -16.5259,
74.0881

■ 160.2250, 5.3121,
-23.8763

■ 40.1090, -18.2947,
81.4654

■ 169.3380, 7.2284,
-31.8684

■ 178.4510, 9.1447,

-39.8605

■ 188.1510, 10.7716,
-48.3674

Harmonies

Analogous

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



104.8870, 1.5347, 21.1471



104.3730, -5.6069, 25.1059



103.4560, -11.5638, 22.4021

Triad

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



104.3730, -5.6069, 25.1059



99.1590, -7.9664, -11.5404



99.7060, 15.9209, -19.9132

Complementary

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



104.3730, -5.6069, 25.1059



120.6270, 5.6069, -25.1059

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.



96.4720, 14.0643, -31.1089



104.3730, -5.6069, 25.1059



97.1450, -0.0715, -23.8062

Square

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



104.3730, -5.6069, 25.1059



100.8680, -13.2459, 1.8698



95.5660, 8.1020, -32.0684



102.8220, 13.3988, -4.2289

Rectangle

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



104.3730, -5.6069, 25.1059



102.5540, -13.5841, 17.0541



95.5660, 8.1020, -32.0684



98.8580, 15.3530, -24.4315

Sweetspot

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



104.3730, -5.6069, 25.1059



162.4850, -2.2111, 9.2217



108.6340, 12.0124, 20.4920



79.9900, -1.4741, 6.1478



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.



104.3730, -5.6069, 25.1059



128.3640, -8.5605, 39.1458



115.4120, -11.5421, 15.4247



61.7940, -0.8844, 3.6887



39.2120, -17.8525, 79.6211



0.8970, -0.4422, 1.8443

Inverse Universe

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



104.3730, -5.6069, 25.1059



128.3640, -8.5605, 39.1458



109.5880, 11.5421, -15.4247



61.7940, -0.8844, 3.6887



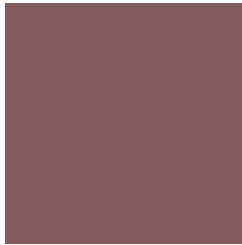
39.2120, -17.8525, 79.6211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 104.3730, -5.6069, 25.1059 looks on a white background.

Color Contrast Check

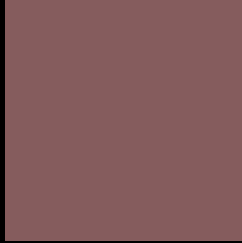
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.3730, -5.6069, 25.1059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

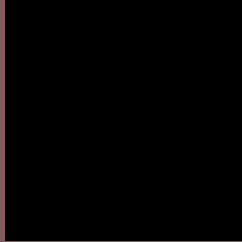
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.3730, -5.6069, 25.1059

Background



This preview shows how black text looks on a background with the YUV color 104.3730, -5.6069, 25.1059.



This preview shows how white text looks on a background with the YUV color 104.3730, -5.6069,

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

104.3730, -5.6069, 25.1059

Protanopia

102.8540, -1.9000, 2.7590

Deuteranopia

103.5840, -5.7109, 11.7658



Tritanopia

104.6550, -3.2809, 25.7356

Trichromacy



Original Color

104.3730, -5.6069, 25.1059

Protanomaly

103.2680, -3.0901, 11.1660

Deuteranomaly

103.6170, -5.7272, 16.9989

Tritanomaly

104.4270, -4.1545, 25.9355

Monochromacy



Original Color

104.3730, -5.6069, 25.1059

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.4850, -2.2111, 9.2217

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3730, -5.6069, 25.1059 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, 92, 93)` looks like.

```
.text, #text, p{  
    color:rgb(133, 92, 93)  
}
```

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, 92, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 92, 93) }
```

Border

The CSS property to change the border of an element to YUV 104.3730, -5.6069, 25.1059 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, 92, 93) }
```


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

```
.border{ border-color:rgb(133, 92, 93) }
```

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

Here you see how a box with a 4 pixel rgb(133, 92, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 92, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 92, 93);  
box-shadow:4px 4px 4px 4px rgb(133, 92,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 104.3730, -5.6069, 25.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 92, 93) }
```

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

```
.background{ background-color: rgb(133, 92,  
93) }
```

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