

Converting Colors

YUV(103.8500, -5.8420, 7.1476)

Have a look what the booklet for
YUV(103.8500, -5.8420, 7.1476)
contains.

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Color

**YUV(103.8500, -5.8420,
7.1476)**

Conversions

Conversions Part 1

Format	Color
Hex	70665C
RGB	112, 102, 92
RGB Percent	44%, 40%, 36%
CMY	0.5608, 0.6000, 0.6392
CMYK	0.00, 0.09, 0.18, 0.56
HSL	30°, 10%, 40%
HSV	30°, 18%, 44%
XYZ	13.3652, 13.7202, 12.0691
YIQ	103.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

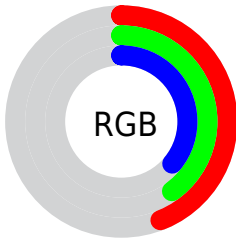
Format	Color
R_{YB}	112, 112, 92
Decimal	7366236
CIE _{Lab}	43.83, 2.12, 7.08
CIE _{LCh}	44, 7.392, 73.315
Yxy	13.7202, 0.3413, 0.3504
Android (android.graphics.Color)	4285556316 (0xFF70665C)
YUV	103.8500, -5.8420, 7.1476
Hunter-Lab	37.0408, -0.4141, 6.6100

Details

The YUV color **103.8500, -5.8420, 7.1476** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.1500, 5.8421, -7.1475**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0350, -6.4263, 7.8623**, and **56.6650, -5.2578, 6.4328** is the 20% darker color. If you saturate the color by 10%, you get **99.0740, -8.9105, 11.3361**, and if you desaturate by 10%, it is **108.6260, -2.7736, 2.9590**.

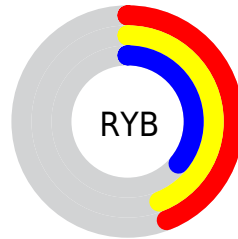
Distribution



Red (44%)

Green (40%)

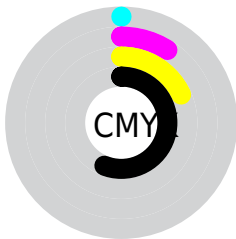
Blue (36%)



Red (44%)

Yellow (44%)

Blue (36%)

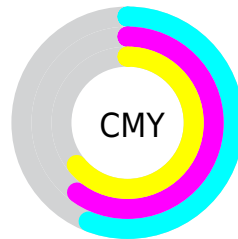


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (56%)



Cyan (56%)

Magenta (60%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8500, -5.8420, 7.1476 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 103.8500, -5.8420, 7.1476 by changing the saturation by 10% instead.

■ 103.8500, -5.8420,
7.1476

■ 103.8500, -5.8420,
7.1476

255.0000, 0.0000,
0.0000

■ 79.5510, -5.6946,
6.5328

■ 155.0350, -6.4263,
7.8623

■ 56.6650, -5.2578,
6.4328

■ 182.0350, -6.4263,
7.8623

■ 35.4800, -4.6736,
5.7180

■ 209.3340, -6.5737,
8.4771

■ 13.6220, -6.7156,
7.3475

■ 237.3340, -6.5737,
8.4771

■ 0.0000, 0.0000,
0.0000

254.6580, -1.3104,
0.2999

■ 103.8500, -5.8420,
7.1476

■ 103.8500, -5.8420,
7.1476

■ 99.0740, -8.9105,
11.3361

■ 108.6260, -2.7736,
2.9590

■ 94.8850, -12.2683,
15.0099

■ 112.8150, 0.5842,
-0.7148

■ 89.9950, -15.7735,
19.2984

■ 117.7050, 4.0894,
-5.0033

■ 85.8060, -19.1314,
22.9721

■ 121.8940, 7.4473,
-8.6770

■ 81.0300, -22.1998,
27.1607

■ 126.6700, 10.5157,
-12.8656

■ 76.2540, -25.2682,
31.3492

■ 131.4460, 13.5841,
-17.0541

■ 72.0650, -28.6260,
35.0230

■ 135.6350, 16.9419,
-20.7279

■ 67.1750, -32.1313,

■ 140.5250, 20.4472,

39.3115

-25.0164

■ 66.3600, -32.7155,
40.0263

■ 144.7140, 23.8050,
-28.6902

Harmonies

Analogous

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



104.2140, -4.5425, 10.3363



103.8500, -5.8420, 7.1476



103.2300, -5.5364, 2.4293

Triad

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



103.8500, -5.8420, 7.1476



101.5040, 2.2165, -10.9660



104.4610, 4.2097, 3.1037

Complementary

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



103.8500, -5.8420, 7.1476



100.1500, 5.8421, -7.1475

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.



103.7700, 5.5364, -2.4293



103.8500, -5.8420, 7.1476



102.1880, 4.8373, -11.5659

Square

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



103.8500, -5.8420, 7.1476



101.7170, -0.8465, -8.5218



102.5520, 6.1369, -8.3771



104.9840, 0.9939, 7.9070

Rectangle

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



103.8500, -5.8420, 7.1476



102.4360, -4.6519, -1.2594



102.5520, 6.1369, -8.3771



104.5640, 4.6519, 1.2594

Sweetspot

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



103.8500, -5.8420, 7.1476



142.4410, -2.1894, 2.2442



99.1200, 1.4198, 11.2958



72.3700, -1.1684, 1.4295



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



103.8500, -5.8420, 7.1476



132.7750, -8.7631, 10.7213



109.7200, -8.7360, 1.9996



53.5550, -1.7526, 2.1443



71.1000, -35.0523, 42.8853



146.6410, -72.2940, 88.0148

Inverse Universe

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



100.1500, 5.8421, -7.1475



127.2250, 8.7631, -10.7213



94.2800, 8.7360, -1.9996



52.4450, 1.7526, -2.1443



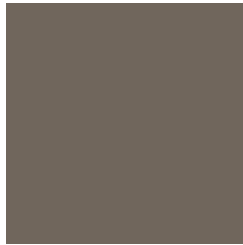
48.9000, 35.0523, -42.8853



100.9460, 72.0046, -88.5296

Previews

White Background



This preview shows how the YUV color 103.8500, -5.8420, 7.1476 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 103.8500, -5.8420, 7.1476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

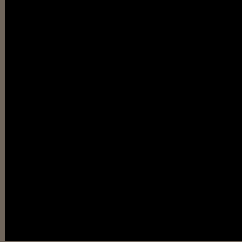
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.8500, -5.8420, 7.1476

Background



This preview shows how black text looks on a background with the YUV color 103.8500, -5.8420, 7.1476.



This preview shows how white text looks on a background with the YUV color 103.8500, -5.8420,

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

103.8500, -5.8420, 7.1476

Protanopia

103.3550, -5.1050, 4.0737

Deuteranopia

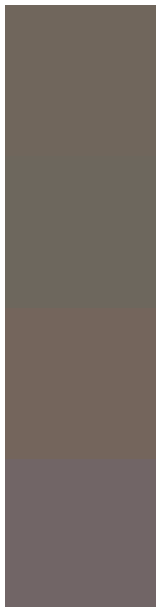
104.4700, -6.1477, 11.8658



Tritanopia

105.0980, 1.4307, 7.8071

Trichromacy



Original Color

103.8500, -5.8420, 7.1476

Protanomaly

103.6540, -5.2524, 4.6884

Deuteranomaly

104.4590, -6.1423, 10.1215

Tritanomaly

104.7020, -1.3321, 7.2773

Monochromacy



Original Color

103.8500, -5.8420, 7.1476

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8540, -1.9000, 2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8500, -5.8420, 7.1476 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(112, 102, 92)` looks like.

```
.text, #text, p{  
    color:rgb(112, 102, 92)  
}
```

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(112, 102, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 102, 92) }
```

Border

The CSS property to change the border of an element to YUV 103.8500, -5.8420, 7.1476 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(112, 102, 92) }
```


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

```
.border{ border-color:rgb(112, 102, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 102, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 102, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 102, 92);  
box-shadow:4px 4px 4px 4px rgb(112, 102,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 103.8500, -5.8420, 7.1476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 102, 92) }
```

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

```
.background{ background-color: rgb(112,  
102, 92) }
```

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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