

Converting Colors

YUV(105.7210, -10.2155,
9.8917)

Have a look what the booklet for
YUV(105.7210, -10.2155, 9.8917)
contains.

YUV(105.7210, -10.2155, 9.8917)	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(105.7210, -10.2155,
9.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	756855
RGB	117, 104, 85
RGB Percent	46%, 41%, 33%
CMY	0.5412, 0.5922, 0.6667
CMYK	0.00, 0.11, 0.27, 0.54
HSL	36°, 16%, 40%
HSV	36°, 27%, 46%
XYZ	13.9261, 14.3384, 10.6279
YIQ	105.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

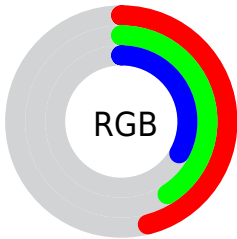
Format	Color
R_{YB}	107, 117, 85
Decimal	7694421
CIE Lab	44.71, 1.89, 12.59
CIE LCh	45, 12.736, 81.452
Yxy	14.3384, 0.3581, 0.3687
Android (android.graphics.Color)	4285884501 (0xFF756855)
YUV	105.7210, -10.2155, 9.8917
Hunter-Lab	37.8661, -0.6182, 9.8653

Details

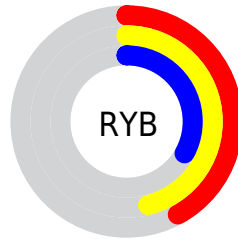
The YUV color **105.7210, -10.2155, 9.8917** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.2790, 10.2155, -9.8917**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9060, -10.7997, 10.6064**, and **58.3510, -9.0470, 8.4622** is the 20% darker color. If you saturate the color by 10%, you get **101.4180, -14.0101, 13.6654**, and if you desaturate by 10%, it is **110.0240, -6.4208, 6.1180**.

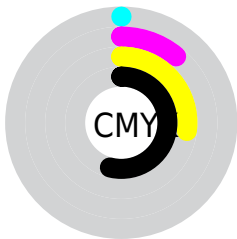
Distribution



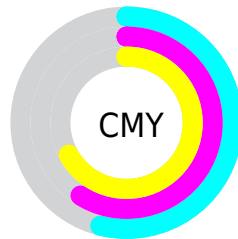
- Red (46%)
- Green (41%)
- Blue (33%)



- Red (42%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (11%)
- Yellow (27%)
- Black (54%)



- Cyan (54%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.7210, -10.2155, 9.8917 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 105.7210, -10.2155, 9.8917 by changing the saturation by 10% instead.

■ 105.7210,
-10.2155, 9.8917

■ 105.7210,
-10.2155, 9.8917

■ 255.0000, 0.0000,
0.0000

■ 81.5360, -9.6312,
9.1769

■ 156.9060,
-10.7997, 10.6064

■ 58.3510, -9.0470,
8.4622

■ 184.0910,
-11.3839, 11.3212

■ 36.7530, -8.7522,
7.2326

■ 211.3900,
-11.5313, 11.9360

■ 15.6930, -7.7366,
8.1622

■ 240.2760,
-11.9681, 12.0359

■ 0.0000, 0.0000,
0.0000

■ 253.7460, -4.8048,
1.0998

■ 105.7210,
-10.2155, 9.8917

■ 105.7210,
-10.2155, 9.8917

■ 101.4180,
-14.0101, 13.6654

■ 110.0240, -6.4208,
6.1180

■ 97.2290, -17.3679,
17.3392

■ 114.2130, -3.0630,
2.4442

■ 93.5130, -21.4519,
20.5981

■ 117.9290, 1.0210,
-0.8147

■ 89.2100, -25.2465,
24.3718

■ 122.2320, 4.8156,
-4.5885

■ 84.9070, -29.0412,
28.1456

■ 126.5350, 8.6102,
-8.3622

■ 80.7180, -32.3990,
31.8193

■ 130.7240, 11.9681,
-12.0359

■ 77.0020, -36.4830,
35.0782

■ 134.4400, 16.0521,
-15.2949

■ 75.4860, -37.2146,

■ 138.7430, 19.8467,

36.4078

-19.0686

■ 142.9320, 23.2045,
-22.7424

Harmonies

Analogous

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



106.9220, -8.3425, 15.8544



105.7210, -10.2155, 9.8917



104.3070, -9.0254, 1.4848

Triad

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



105.7210, -10.2155, 9.8917



101.6490, 5.5960, -21.6172



107.8360, 5.5039, 8.0368

Complementary

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



105.7210, -10.2155, 9.8917



96.2790, 10.2155, -9.8917

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.



106.3940, 9.1728, -2.0995



105.7210, -10.2155, 9.8917



102.3980, 9.6638, -19.6430

Square

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



105.7210, -10.2155, 9.8917



102.1890, -0.0932, -16.8288



104.6700, 10.5157, -12.8656



107.9140, 0.5354, 14.9844

Rectangle

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



105.7210, -10.2155, 9.8917



103.5450, -6.6777, -4.8630



104.6700, 10.5157, -12.8656



107.5690, 7.1145, 4.7630

Sweetspot

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



105.7210, -10.2155, 9.8917



148.6970, -3.7946, 3.7737



96.0500, 0.9614, 18.3732



73.7400, -2.3368, 2.8590



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.



105.7210, -10.2155, 9.8917



134.9730, -15.7627, 15.8097



112.4550, -13.5353, 1.3550



56.5550, -1.7526, 2.1443



79.3290, -39.1092, 37.4225



161.6260, -79.6816, 77.5040

Inverse Universe

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



96.2790, 10.2155, -9.8917



120.4400, 16.0521, -15.2949



89.5450, 13.5353, -1.3550



54.8580, 2.0420, -1.6295



43.2580, 38.8198, -37.9373



88.3740, 79.6816, -77.5040

Previews

White Background



This preview shows how the YUV color 105.7210, -10.2155, 9.8917 looks on a white background.

Color Contrast Check

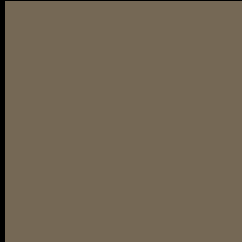
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.7210, -10.2155, 9.8917 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 105.7210, -10.2155, 9.8917

Background



This preview shows how black text looks on a background with the YUV color 105.7210, -10.2155, 9.8917.



This preview shows how white text looks on a background with the YUV color 105.7210, -10.2155, 9.8917.

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

105.7210, -10.2155, 9.8917

Protanopia

105.5140, -9.6204, 5.6882

Deuteranopia

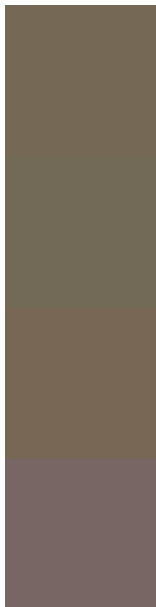
106.3410, -10.5211, 14.6099



Tritanopia

107.5930, 0.6937, 10.8809

Trichromacy



Original Color

105.7210, -10.2155, 9.8917

Protanomaly

105.5250, -9.6258, 7.4326

Deuteranomaly

106.3300, -10.5157, 12.8656

Tritanomaly

106.8550, -3.3795, 10.6512

Monochromacy



Original Color

105.7210, -10.2155, 9.8917

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.6970, -3.7946, 3.7737

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.7210, -10.2155, 9.8917 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, 104, 85)` looks like.

```
.text, #text, p{  
    color:rgb(117, 104, 85)  
}
```

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, 104, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 104, 85) }
```

Border

The CSS property to change the border of an element to YUV 105.7210, -10.2155, 9.8917 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, 104, 85) }
```


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

```
.border{ border-color:rgb(117, 104, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 104, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 104, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 104, 85);  
box-shadow:4px 4px 4px 4px rgb(117, 104,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 105.7210, -10.2155, 9.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 104, 85) }
```

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

```
.background{ background-color: rgb(117,  
104, 85) }
```

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