

Converting Colors

YUV(105.7510, -35.8662,
23.8974)

Have a look what the booklet for
YUV(105.7510, -35.8662, 23.8974)
contains.

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Color

**YUV(105.7510, -35.8662,
23.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	856A21
RGB	133, 106, 33
RGB Percent	52%, 42%, 13%
CMY	0.4784, 0.5843, 0.8706
CMYK	0.00, 0.20, 0.75, 0.48
HSL	44°, 60%, 33%
HSV	44°, 75%, 52%
XYZ	15.1014, 15.4044, 3.6163
YIQ	105.7510, 39.5250, -16.9790

Conversions

Conversions Part 2

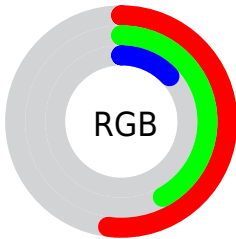
Format	Color
R_{YB}	70, 133, 33
Decimal	8743457
CIE _{Lab}	46.18, 2.78, 42.92
CIE _{LCh}	46, 43.014, 86.297
Yxy	15.4044, 0.4426, 0.4514
Android (android.graphics.Color)	4286933537 (0xFF856A21)
YUV	105.7510, -35.8662, 23.8974
Hunter-Lab	39.2485, -0.0044, 22.0111

Details

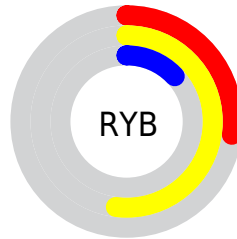
The YUV color **105.7510, -35.8662, 23.8974** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **60.2490, 35.8662, -23.8974**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0180, -37.4769, 27.1712**, and **58.5530, -28.8666, 18.8090** is the 20% darker color. If you saturate the color by 10%, you get **101.9210, -40.3871, 27.2563**, and if you desaturate by 10%, it is **109.5810, -31.3454, 20.5385**.

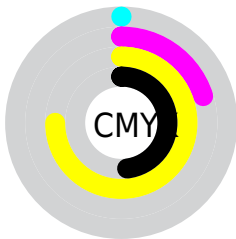
Distribution



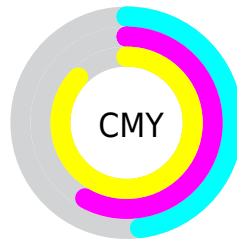
- Red (52%)
- Green (42%)
- Blue (13%)



- Red (27%)
- Yellow (52%)
- Blue (13%)



- Cyan (0%)
- Magenta (20%)
- Yellow (75%)
- Black (48%)



- Cyan (48%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.7510, -35.8662, 23.8974 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 105.7510, -35.8662, 23.8974 by changing the saturation by 10% instead.

■ 105.7510,
-35.8662, 23.8974

■ 105.7510,
-35.8662, 23.8974

■ 255.0000, 0.0000,
0.0000

■ 80.3980, -37.1712,
22.4530

■ 158.0180,
-37.4769, 27.1712

■ 58.5530, -28.8666,
18.8090

■ 185.5020,
-38.2085, 28.5007

■ 38.4520, -18.9568,
13.6356

■ 212.9860,
-38.9401, 29.8303

■ 19.5360, -9.6312,
9.1769

■ 235.4790,
-36.7181, 17.1199

■ 0.0000, 0.0000,
0.0000

■ 247.3620,
-29.2655, 6.6985

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,
0.9998

105.7510,
-35.8662, 23.8974

105.7510,
-35.8662, 23.8974

101.9210,
-40.3871, 27.2563

109.5810,
-31.3454, 20.5385

98.5640, -45.6341,
30.2004

112.9380,
-26.0984, 17.5944

96.7060, -47.6761,
31.8298

116.7680,
-21.5776, 14.2355

120.0110,
-16.7674, 11.3914

123.9550,
-11.8098, 7.9325

■ 127.7850, -7.2890,
4.5736

■ 131.0280, -2.4788,
1.7294

■ 134.8580, 2.0420,
-1.6295

■ 138.2150, 7.2890,
-4.5736

Harmonies

Analogous

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



107.5440, -28.3692, 46.0039



105.7510, -35.8662, 23.8974



102.5410, -30.8327, -3.9825

Triad

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



105.7510, -35.8662, 23.8974



90.5090, 24.3991, -79.3764



112.7200, 18.3790, 31.8176

Complementary

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



105.7510, -35.8662, 23.8974



60.2490, 35.8662, -23.8974

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.



110.5070, 31.3020, -6.5836



105.7510, -35.8662, 23.8974



91.4670, 38.2238, -80.2166

Square

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



105.7510, -35.8662, 23.8974



86.4050, 8.6743, -75.7772



88.1390, 45.7805, -77.2979



109.7370, 2.5947, 54.6047

Rectangle

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



105.7510, -35.8662, 23.8974



98.7430, -20.5793, -26.0846



88.1390, 45.7805, -77.2979



113.2070, 23.0689, 20.8665

Sweetspot

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



105.7510, -35.8662, 23.8974



162.6840, -14.1412, 9.0471



66.0920, -2.5104, 58.6783



80.0410, -8.8942, 6.1030



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.



105.7510, -35.8662, 23.8974



130.5620, -55.9861, 37.2181



115.0220, -40.4368, -3.5273



64.7290, -2.3314, 1.1147



94.6350, -46.6551, 31.0151



2.0710, -1.0210, 0.8147

Inverse Universe

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



60.2490, 35.8662, -23.8974



59.4380, 55.9861, -37.2181



50.9780, 40.4368, 3.5273



61.2710, 2.3314, -1.1147



35.3650, 46.6551, -31.0151



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 105.7510, -35.8662, 23.8974 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 105.7510, -35.8662, 23.8974 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 105.7510, -35.8662, 23.8974

Background



This preview shows how black text looks on a background with the YUV color 105.7510, -35.8662, 23.8974.



This preview shows how white text looks on a background with the YUV color 105.7510, -35.8662, 23.8974.

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

105.7510, -35.8662, 23.8974

Protanopia

105.2230, -35.1129, 15.5904

Deuteranopia

105.8870, -35.4403, 27.2861



Tritanopia

111.5730, -2.2545, 23.1765

Trichromacy



Original Color

105.7510, -35.8662, 23.8974

Protanomaly

105.8320, -35.4132, 18.5643

Deuteranomaly

106.1750, -35.5823, 26.1565

Tritanomaly

109.6580, -14.6214, 23.1019

Monochromacy



Original Color

105.7510, -35.8662, 23.8974

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9120, -13.2676, 8.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.7510, -35.8662, 23.8974 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, 106, 33)` looks like.

```
.text, #text, p{  
    color:rgb(133, 106, 33)  
}
```

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, 106, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 106, 33) }
```

Border

The CSS property to change the border of an element to YUV 105.7510, -35.8662, 23.8974 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, 106, 33) }
```


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

```
.border{ border-color:rgb(133, 106, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 106, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 106, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 106, 33);  
box-shadow:4px 4px 4px 4px rgb(133, 106,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 105.7510, -35.8662, 23.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 106, 33) }
```

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

```
.background{ background-color: rgb(133,  
106, 33) }
```

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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