

Converting Colors

YUV(112.8430, -55.6316,
16.8007)

Have a look what the booklet for
YUV(112.8430, -55.6316, 16.8007)
contains.

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Color

**YUV(112.8430, -55.6316,
16.8007)**

Conversions

Conversions Part 1

Format	Color
Hex	847D00
RGB	132, 125, 0
RGB Percent	52%, 49%, 0%
CMY	0.4824, 0.5098, 1.0000
CMYK	0.00, 0.05, 1.00, 0.48
HSL	57°, 100%, 26%
HSV	57°, 100%, 52%
XYZ	16.8493, 19.5728, 2.8899
YIQ	112.8430, 44.2970, -37.3910

Conversions

Conversions Part 2

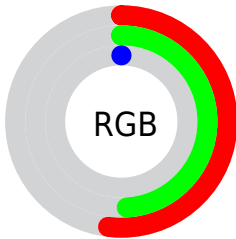
Format	Color
R_{YB}	7, 132, 0
Decimal	8682752
CIE Lab	51.35, -9.43, 56.46
CIE LCh	51, 57.245, 99.478
Yxy	19.5728, 0.4286, 0.4979
Android (android.graphics.Color)	4286872832 (0xFF847D00)
YUV	112.8430, -55.6316, 16.8007
Hunter-Lab	44.2411, -9.4398, 27.0959

Details

The YUV color **112.8430, -55.6316, 16.8007** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **19.1570, 55.6316, -16.8007**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6350, -50.1061, 17.8601**, and **68.2330, -33.6389, 9.4427** is the 20% darker color. If you saturate the color by 10%, you get **112.8430, -55.6316, 16.8007**, and if you desaturate by 10%, it is **114.9120, -50.2426, 14.9862**.

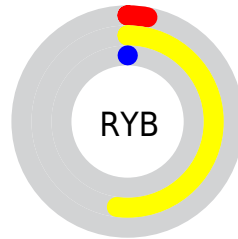
Distribution



Red (52%)

Green (49%)

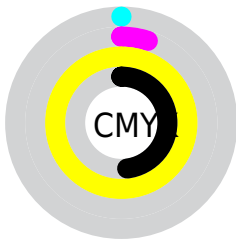
Blue (0%)



Red (3%)

Yellow (52%)

Blue (0%)

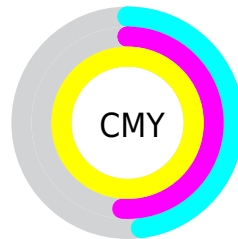


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8430, -55.6316, 16.8007 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 112.8430, -55.6316, 16.8007 by changing the saturation by 10% instead.

■ 112.8430,
-55.6316, 16.8007

■ 112.8430,
-55.6316, 16.8007

■ 255.0000, 0.0000,
0.0000

■ 90.0950, -44.4168,
13.0717

■ 167.6350,
-50.1061, 17.8601

■ 68.2330, -33.6389,
9.4427

■ 196.0050,
-51.2745, 19.2896

■ 47.2460, -23.2923,
4.1693

■ 224.1900,
-51.8587, 20.0044

■ 27.7430, -13.6773,
0.2254

■ 242.5740,
-47.6110, 10.8976


■ 5.2830, -2.6045,
-4.6332


■ 245.7660,
-35.3806, 8.0982


■ 0.0000, 0.0000,
0.0000


■ 248.9580,


-23.1503, 5.2988

 252.2640,
-10.4832, 2.3995


 112.8430,
-55.6316, 16.8007

 114.9120,
-50.2426, 14.9862

 116.3940,
-44.5642, 13.6865

 118.5770,
-38.7385, 11.7720

 120.6460,
-33.3495, 9.9575

 122.7150,
-27.9605, 8.1429

■ 124.1970,
-22.2821, 6.8432

■ 126.2660,
-16.8931, 5.0287

■ 128.4490,
-11.0674, 3.1142

■ 129.9310, -5.3890,
1.8145

Harmonies

Analogous

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



117.0440, -46.8567, 49.0734



112.8430, -55.6316, 16.8007



108.4860, -34.2566, -25.8592

Triad

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



112.8430, -55.6316, 16.8007



105.5040, 38.6985, -92.5270



122.9670, 17.2713, 60.5419

Complementary

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



112.8430, -55.6316, 16.8007



19.1570, 55.6316, -16.8007

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.



125.5020, 35.7415, 16.2227



112.8430, -55.6316, 16.8007



104.8150, 53.8282, -91.9228

Square

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



112.8430, -55.6316, 16.8007



100.7330, 17.8796, -88.3428



106.4360, 55.4941, -66.1574



118.0670, -4.4700, 80.6252

Rectangle

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



112.8430, -55.6316, 16.8007



90.7470, -10.2283, -79.5851



106.4360, 55.4941, -66.1574



124.6110, 23.8558, 48.5762

Sweetspot

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



112.8430, -55.6316, 16.8007



163.4250, -21.4085, 6.6433



40.4940, -15.5265, 80.2508



82.1780, -13.3988, 4.2289



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.



112.8430, -55.6316, 16.8007



146.2230, -72.0879, 21.7294



99.9090, -49.2551, -21.8452



65.3160, -2.6208, 0.5999



111.0710, -54.7580, 16.6007



2.0710, -1.0210, 0.8147

Inverse Universe

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



19.1570, 55.6316, -16.8007



24.7770, 72.0879, -21.7294



32.0910, 49.2551, 21.8452



60.6840, 2.6208, -0.5999



18.9290, 54.7580, -16.6007



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 112.8430, -55.6316, 16.8007 looks on a white 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

Black Background



This preview shows how the YUV color 112.8430, -55.6316, 16.8007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

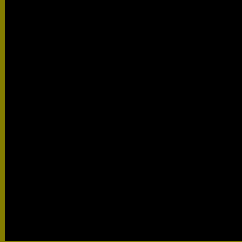
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.8430, -55.6316, 16.8007

Background



This preview shows how black text looks on a background with the YUV color 112.8430, -55.6316, 16.8007.

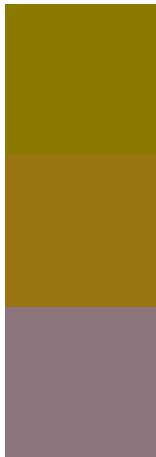


This preview shows how white text looks on a background with the YUV color 112.8430, -55.6316, 16.8007.

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



Protanopia

113.4630, -55.9373, 21.5189

Deuteranopia

116.4890, -48.5551, 33.7741

Tritanopia

124.2020, 0.3934, 13.8548

Trichromacy



Protanomaly

113.4520, -55.9318, 19.7746

Deuteranomaly

115.0600, -51.3016, 28.0114

Tritanomaly

119.9360, -19.6884, 14.9651

Monochromacy



Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7670, -20.0981, 6.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8430, -55.6316, 16.8007 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(132, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(132, 125, 0)  
}
```

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(132, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 125, 0) }
```

Border

The CSS property to change the border of an element to YUV 112.8430, -55.6316, 16.8007 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(132, 125, 0) }
```

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

```
.border{ border-color:rgb(132, 125, 0) }
```

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

Here you see how a box with a 4 pixel rgb(132, 125, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(132, 125,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 112.8430, -55.6316, 16.8007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 125, 0) }
```

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

```
.background{ background-color: rgb(132,  
125, 0) }
```

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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