

Converting Colors

YUV(113.8630, -25.5685,
34.3231)

Have a look what the booklet for
YUV(113.8630, -25.5685, 34.3231)
contains.

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Color

**YUV(113.8630, -25.5685,
34.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	99683E
RGB	153, 104, 62
RGB Percent	60%, 41%, 24%
CMY	0.4000, 0.5922, 0.7569
CMYK	0.00, 0.32, 0.59, 0.40
HSL	28°, 42%, 42%
HSV	28°, 59%, 60%
XYZ	18.9567, 17.0207, 6.8436
YIQ	113.8630, 42.6860, -2.6740

Conversions

Conversions Part 2

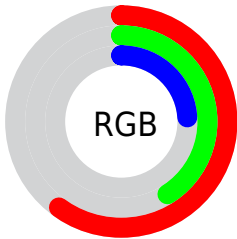
Format	Color
R_{YB}	153, 140, 62
Decimal	10053694
CIE Lab	48.29, 15.04, 31.32
CIE LCh	48, 34.741, 64.355
Yxy	17.0207, 0.4427, 0.3975
Android (android.graphics.Color)	4288243774 (0xFF99683E)
YUV	113.8630, -25.5685, 34.3231
Hunter-Lab	41.2562, 9.8201, 19.0442

Details

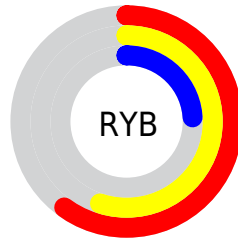
The YUV color **113.8630, -25.5685, 34.3231** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **101.1370, 25.5685, -34.3231**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4290, -27.3265, 38.2118**, and **64.6990, -23.5156, 29.2050** is the 20% darker color. If you saturate the color by 10%, you get **107.4570, -29.8053, 39.9412**, and if you desaturate by 10%, it is **120.2690, -21.3316, 28.7051**.

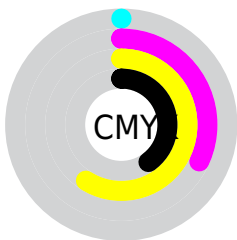
Distribution



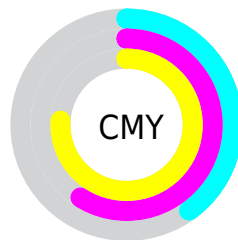
- Red (60%)
- Green (41%)
- Blue (24%)



- Red (60%)
- Yellow (55%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (59%)
- Black (40%)



- Cyan (40%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8630, -25.5685, 34.3231 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 113.8630, -25.5685, 34.3231 by changing the saturation by 10% instead.

■ 113.8630,
-25.5685, 34.3231

■ 113.8630,
-25.5685, 34.3231

■ 255.0000, 0.0000,
0.0000

■ 88.7810, -24.5420,
31.7641

■ 166.4290,
-27.3265, 38.2118

■ 64.6990, -23.5156,
29.2050

■ 193.7990,
-28.4949, 39.6413

■ 42.3720, -20.8894,
26.8608

■ 218.0970,
-27.1628, 32.3639

■ 22.2710, -10.9796,
21.6873

■ 237.6110,
-23.4722, 15.2502

■ 5.3820, -2.6533,
11.0660

■ 250.7820,
-16.1615, 3.6992

■ 0.0000, 0.0000,
0.0000

■ 254.0880, -3.4944,

0.7998

■ 113.8630,
-25.5685, 34.3231

■ 113.8630,
-25.5685, 34.3231

■ 107.4570,
-29.8053, 39.9412

■ 120.2690,
-21.3316, 28.7051

■ 100.9370,
-34.4789, 45.6593

■ 126.7890,
-16.6580, 22.9870

■ 93.9440, -38.4264,
51.7921

■ 133.7820,
-12.7105, 16.8542

■ 87.5380, -42.6632,
57.4102

■ 140.1880, -8.4737,
11.2361

■ 87.4240, -43.1000,
57.5102

■ 146.7080, -3.8000,
5.5181

■ 153.1140, 0.4368,
-0.1000

■ 160.1070, 4.3842,
-6.2328

■ 166.5130, 8.6211,
-11.8509

■ 173.0330, 13.2947,
-17.5689

Harmonies

Analogous

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



114.8720, -15.7129, 46.5933



113.8630, -25.5685, 34.3231



111.7590, -27.9822, 15.1204

Triad

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



113.8630, -25.5685, 34.3231



89.7620, 13.9213, -78.7213



116.9940, 22.6810, 5.2673

Complementary

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



113.8630, -25.5685, 34.3231



101.1370, 25.5685, -34.3231

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.



109.9400, 31.0886, -31.5194



113.8630, -25.5685, 34.3231



92.4810, 26.8779, -81.1058

Square

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



113.8630, -25.5685, 34.3231



103.1080, -7.4482, -37.8057



91.8260, 37.0608, -80.5314



118.1840, 11.2483, 32.2876

Rectangle

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



113.8630, -25.5685, 34.3231



109.7570, -25.0232, -0.6639



91.8260, 37.0608, -80.5314



115.7260, 25.7711, -5.8987

Sweetspot

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



113.8630, -25.5685, 34.3231



183.7430, -10.2263, 13.3804



94.9090, 8.4259, 50.9458



90.1490, -5.9895, 7.7623



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



113.8630, -25.5685, 34.3231



138.3140, -39.5948, 53.2216



139.6910, -38.3017, 11.6720



73.1530, -2.0474, 3.3738



80.0150, -39.4474, 52.6068



7.4090, -3.6526, 4.9033

Inverse Universe

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



101.1370, 25.5685, -34.3231



118.6860, 39.5948, -53.2216



75.3090, 38.3017, -11.6720



72.2600, 2.3368, -2.8590



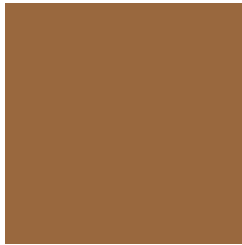
60.5720, 39.1580, -53.1216



5.5910, 3.6526, -4.9033

Previews

White Background



This preview shows how the YUV color 113.8630, -25.5685, 34.3231 looks on a white background.

Color Contrast Check

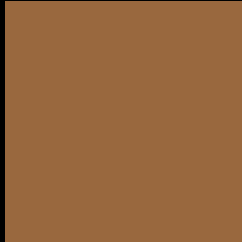
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.8630, -25.5685, 34.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

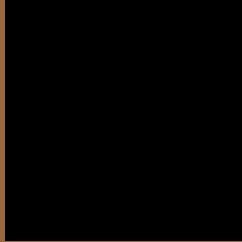
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.8630, -25.5685, 34.3231

Background



This preview shows how black text looks on a background with the YUV color 113.8630, -25.5685, 34.3231.



This preview shows how white text looks on a background with the YUV color 113.8630, -25.5685,

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

113.8630, -25.5685, 34.3231

Protanopia

112.7030, -23.0246, 11.6615

Deuteranopia

113.6830, -25.9727, 23.9570



Tritanopia

116.8410, -5.3446, 34.3424

Trichromacy



Original Color

113.8630, -25.5685, 34.3231

Protanomaly

113.2310, -23.7779, 19.9684

Deuteranomaly

113.7050, -25.9836, 27.4457

Tritanomaly

115.8920, -12.7648, 34.2977

Monochromacy



Original Color

113.8630, -25.5685, 34.3231

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.6720, -9.2053, 12.5657

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8630, -25.5685, 34.3231 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(153, 104, 62)` looks like.

```
.text, #text, p{  
    color:rgb(153, 104, 62)  
}
```

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(153, 104, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 104, 62) }
```

Border

The CSS property to change the border of an element to YUV 113.8630, -25.5685, 34.3231 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(153, 104, 62) }
```


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

```
.border{ border-color:rgb(153, 104, 62) }
```

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

Here you see how a box with a 4 pixel rgb(153, 104, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 104, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 104, 62);  
box-shadow:4px 4px 4px 4px rgb(153, 104,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 113.8630, -25.5685, 34.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 104, 62) }
```

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

```
.background{ background-color: rgb(153,  
104, 62) }
```

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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