

Converting Colors

YUV(103.1630, -17.3354,
6.8730)

Have a look what the booklet for
YUV(103.1630, -17.3354, 6.8730)
contains.

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Color

**YUV(103.1630, -17.3354,
6.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6A44
RGB	111, 106, 68
RGB Percent	44%, 42%, 27%
CMY	0.5647, 0.5843, 0.7333
CMYK	0.00, 0.05, 0.39, 0.56
HSL	53°, 24%, 35%
HSV	53°, 39%, 44%
XYZ	12.7530, 14.1049, 7.5192
YIQ	103.1630, 15.1780, -10.7580

Conversions

Conversions Part 2

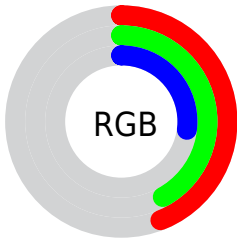
Format	Color
R_{YB}	74, 111, 68
Decimal	7301700
CIE Lab	44.38, -4.30, 22.05
CIE LCh	44, 22.470, 101.029
Yxy	14.1049, 0.3710, 0.4103
Android (android.graphics.Color)	4285491780 (0xFF6F6A44)
YUV	103.1630, -17.3354, 6.8730
Hunter-Lab	37.5565, -5.1112, 14.4191

Details

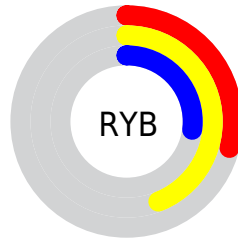
The YUV color **103.1630, -17.3354, 6.8730** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **75.8370, 17.3354, -6.8730**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2340, -18.3564, 7.6878**, and **55.9070, -15.7302, 5.3436** is the 20% darker color. If you saturate the color by 10%, you get **101.3220, -21.8507, 8.4876**, and if you desaturate by 10%, it is **105.0040, -12.8200, 5.2585**.

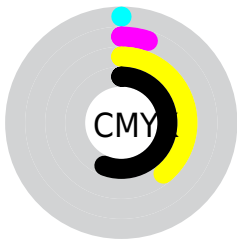
Distribution



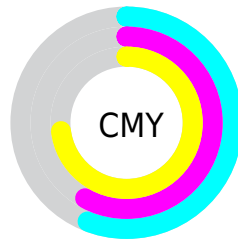
- Red (44%)
- Green (42%)
- Blue (27%)



- Red (29%)
- Yellow (44%)
- Blue (27%)



- Cyan (0%)
- Magenta (5%)
- Yellow (39%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1630, -17.3354, 6.8730 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 103.1630, -17.3354, 6.8730 by changing the saturation by 10% instead.

■ 103.1630,
-17.3354, 6.8730

■ 103.1630,
-17.3354, 6.8730

■ 255.0000, 0.0000,
0.0000

■ 78.9780, -16.7512,
6.1583

■ 154.2340,
-18.3564, 7.6878

■ 55.9070, -15.7302,
5.3436

■ 181.3050,
-19.3774, 8.5025

■ 33.6790, -16.6037,
5.5435

■ 209.1910,
-19.8142, 8.6025

■ 13.8660, -6.8359,
-0.7595

■ 237.3760,
-20.3984, 9.3172

■ 0.0000, 0.0000,
0.0000

■ 251.4660,
-13.5407, 3.0993

254.7720, -0.8736,

0.2000

■ 103.1630,
-17.3354, 6.8730

■ 103.1630,
-17.3354, 6.8730

■ 101.3220,
-21.8507, 8.4876

■ 105.0040,
-12.8200, 5.2585

■ 98.8940, -26.0767,
10.6170

■ 107.4320, -8.5940,
3.1291

■ 97.0530, -30.5921,
12.2315

■ 109.2730, -4.0786,
1.5146

■ 95.2120, -35.1075,
13.8461

■ 111.1140, 0.4368,
-0.1000

■ 93.2570, -40.0597,
15.5606

■ 113.0690, 5.3890,
-1.8145

■ 90.8290, -44.2857,
17.6900

■ 115.4970, 9.6150,
-3.9439

■ 90.7150, -44.7225,
17.7899

■ 117.3380, 14.1304,
-5.5584

■ 119.1790, 18.6458,
-7.1730

■ 121.6070, 22.8717,
-9.3023

Harmonies

Analogous

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



104.9520, -17.2313, 20.2131



103.1630, -17.3354, 6.8730



100.7310, -12.1924, -9.4111

Triad

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



103.1630, -17.3354, 6.8730



94.4810, 17.0179, -45.1488



107.5220, 5.1657, 23.2212

Complementary

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



103.1630, -17.3354, 6.8730



75.8370, 17.3354, -6.8730

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.



107.3720, 12.6346, 7.5668



103.1630, -17.3354, 6.8730



99.0680, 20.1795, -32.5086

Square

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



103.1630, -17.3354, 6.8730



94.5110, 8.1291, -40.7901



104.0320, 18.2252, -12.3061



107.1610, -4.0234, 30.5538

Rectangle

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



103.1630, -17.3354, 6.8730



98.8590, -6.3395, -20.0473



104.0320, 18.2252, -12.3061



107.7710, 7.5079, 18.6178

Sweetspot

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



103.1630, -17.3354, 6.8730



141.8880, -6.8468, 2.7292



81.4270, -4.1545, 25.9355



72.2730, -4.0786, 1.5146



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.



103.1630, -17.3354, 6.8730



133.2530, -27.2397, 10.3021



101.3140, -16.4238, -5.5374



54.7290, -2.3314, 1.1147



98.1020, -48.3643, 19.2045



202.4060, -99.7862, 39.1089

Inverse Universe

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



75.8370, 17.3354, -6.8730



90.3340, 26.9503, -10.8169



77.6860, 16.4238, 5.5374



51.2710, 2.3314, -1.1147



21.8980, 48.3643, -19.2045



45.1810, 99.4968, -39.6237

Previews

White Background



This preview shows how the YUV color 103.1630, -17.3354, 6.8730 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 103.1630, -17.3354, 6.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

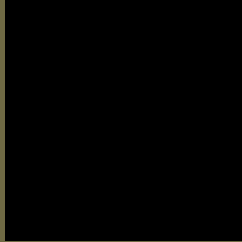
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1630, -17.3354, 6.8730

Background



This preview shows how black text looks on a background with the YUV color 103.1630, -17.3354, 6.8730.



This preview shows how white text looks on a background with the YUV color 103.1630, -17.3354,

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

103.1630, -17.3354, 6.8730

Protanopia

103.4730, -17.4882, 9.2322

Deuteranopia

104.2400, -17.3733, 19.0835



Tritanopia

106.3970, 1.2833, 8.4218

Trichromacy



Original Color

103.1630, -17.3354, 6.8730

Protanomaly

103.1740, -17.3408, 8.6174

Deuteranomaly

103.9190, -17.2151, 14.9800

Tritanomaly

105.2630, -5.5527, 7.6623

Monochromacy



Original Color

103.1630, -17.3354, 6.8730

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0020, -6.4100, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1630, -17.3354, 6.8730 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(111, 106, 68)` looks like.

```
.text, #text, p{  
    color:rgb(111, 106, 68)  
}
```

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(111, 106, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 106, 68) }
```

Border

The CSS property to change the border of an element to YUV 103.1630, -17.3354, 6.8730 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(111, 106, 68) }
```


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

```
.border{ border-color:rgb(111, 106, 68) }
```

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

Here you see how a box with a 4 pixel rgb(111, 106, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 106, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 106, 68);  
box-shadow:4px 4px 4px 4px rgb(111, 106,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 103.1630, -17.3354, 6.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 106, 68) }
```

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

```
.background{ background-color: rgb(111,  
106, 68) }
```

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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