

Converting Colors

YUV(102.8870, -18.6783,
17.6391)

Have a look what the booklet for
YUV(102.8870, -18.6783, 17.6391)
contains.

YUV(102.8870, -18.6783, 17.6391)	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(102.8870, -18.6783,
17.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6441
RGB	123, 100, 65
RGB Percent	48%, 39%, 25%
CMY	0.5176, 0.6078, 0.7451
CMYK	0.00, 0.19, 0.47, 0.52
HSL	36°, 31%, 37%
HSV	36°, 47%, 48%
XYZ	13.6797, 13.7070, 6.9257
YIQ	102.8870, 24.9430, -6.0090

Conversions

Conversions Part 2

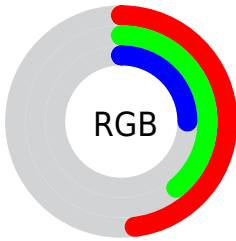
Format	Color
R_{YB}	103, 123, 65
Decimal	8086593
CIE _{Lab}	43.81, 4.23, 23.28
CIE _{LCh}	44, 23.665, 79.707
Yxy	13.7070, 0.3987, 0.3995
Android (android.graphics.Color)	4286276673 (0xFF7B6441)
YUV	102.8870, -18.6783, 17.6391
Hunter-Lab	37.0229, 1.1643, 14.8249

Details

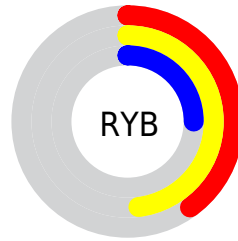
The YUV color **102.8870, -18.6783, 17.6391** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **85.1130, 18.6783, -17.6391**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4420, -20.4309, 19.7834**, and **55.6200, -17.0677, 14.3653** is the 20% darker color. If you saturate the color by 10%, you get **98.5840, -22.4729, 21.4128**, and if you desaturate by 10%, it is **107.1900, -14.8837, 13.8654**.

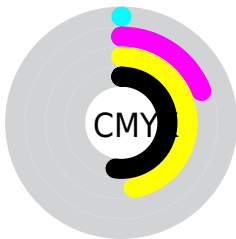
Distribution



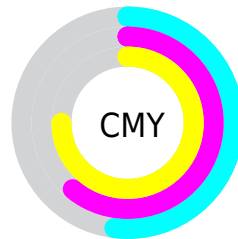
- Red (48%)
- Green (39%)
- Blue (25%)



- Red (40%)
- Yellow (48%)
- Blue (25%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (52%)



- Cyan (52%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.8870, -18.6783, 17.6391 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 102.8870, -18.6783, 17.6391 by changing the saturation by 10% instead.

■ 102.8870,
-18.6783, 17.6391

■ 102.8870,
-18.6783, 17.6391

■ 255.0000, 0.0000,
0.0000

■ 78.4030, -17.9467,
16.3096

■ 154.4420,
-20.4309, 19.7834

■ 55.6200, -17.0677,
14.3653

■ 181.0400,
-20.7257, 21.0129

■ 33.7340, -16.6309,
14.2653

■ 208.8120,
-21.5993, 21.2129

■ 13.3450, -6.5791,
10.2214

■ 235.0180,
-20.7149, 17.5242

■ 0.0000, 0.0000,
0.0000

■ 251.1240,
-14.8511, 3.3993

■ 254.3160, -2.6208,

0.5999

■ 102.8870,
-18.6783, 17.6391

■ 102.8870,
-18.6783, 17.6391

■ 98.5840, -22.4729,
21.4128

■ 107.1900,
-14.8837, 13.8654

■ 94.1670, -26.7043,
25.2865

■ 111.6070,
-10.6523, 9.9917

■ 89.8640, -30.4990,
29.0603

■ 115.9100, -6.8576,
6.2179

■ 85.5610, -34.2936,
32.8340

■ 120.2130, -3.0630,
2.4442

■ 81.7310, -38.8144,
36.1929

■ 123.9290, 1.0210,
-0.8147

■ 80.2150, -39.5460,
37.5224

■ 128.3460, 5.2524,
-4.6884

■ 132.6490, 9.0470,
-8.4622

■ 136.9520, 12.8417,
-12.2359

■ 141.3690, 17.0731,
-16.1096

Harmonies

Analogous

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



103.9900, -14.7851, 28.9498



102.8870, -18.6783, 17.6391



100.8420, -17.1771, 2.7696

Triad

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



102.8870, -18.6783, 17.6391



91.2050, 12.2239, -47.5378



106.3620, 11.1605, 13.7145

Complementary

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



102.8870, -18.6783, 17.6391



85.1130, 18.6783, -17.6391

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.



103.9510, 17.7722, -6.9730



102.8870, -18.6783, 17.6391



92.5670, 19.9335, -46.9783

Square

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



102.8870, -18.6783, 17.6391



94.9050, 0.5398, -33.2427



98.7310, 21.3316, -28.7051



106.1590, 2.3866, 27.9246

Rectangle

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



102.8870, -18.6783, 17.6391



99.5030, -13.0660, -9.2111



98.7310, 21.3316, -28.7051



105.7140, 13.9450, 7.2668

Sweetspot

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



102.8870, -18.6783, 17.6391



153.0950, -7.4418, 6.9327



84.9640, 1.4967, 33.3576



76.8820, -4.3788, 4.4885



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



102.8870, -18.6783, 17.6391



128.7930, -29.4779, 28.2455



114.5940, -24.4498, 2.1101



59.1420, -2.0420, 1.6295



81.4000, -40.1302, 38.2372



164.5720, -81.1340, 76.6744

Inverse Universe

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



85.1130, 18.6783, -17.6391



100.6200, 29.7673, -27.7307



73.4060, 24.4498, -2.1101



57.4450, 1.7526, -2.1443



43.6000, 40.1302, -38.2372



87.4280, 81.1340, -76.6744

Previews

White Background



This preview shows how the YUV color 102.8870, -18.6783, 17.6391 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 102.8870, -18.6783, 17.6391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

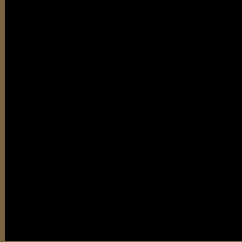
Any Text WCAG AA × Fail

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 102.8870, -18.6783, 17.6391 Background



This preview shows how black text looks on a background with the YUV color 102.8870, -18.6783, 17.6391.



This preview shows how white text looks on a background with the YUV color 102.8870, -18.6783,

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

102.8870, -18.6783, 17.6391

Protanopia

102.3590, -17.9250, 9.3322

Deuteranopia

102.8980, -18.6837, 19.3835



Tritanopia

105.4800, -1.2226, 18.8730

Trichromacy



Original Color

102.8870, -18.6783, 17.6391

Protanomaly

102.9680, -18.2252, 12.3061

Deuteranomaly

102.5990, -18.5363, 18.7687

Tritanomaly

104.7590, -7.7692, 18.6284

Monochromacy



Original Color

102.8870, -18.6783, 17.6391

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9100, -6.8576, 6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8870, -18.6783, 17.6391 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(123, 100, 65)` looks like.

```
.text, #text, p{  
    color:rgb(123, 100, 65)  
}
```

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(123, 100, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 100, 65) }
```

Border

The CSS property to change the border of an element to YUV 102.8870, -18.6783, 17.6391 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(123, 100, 65) }
```


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

```
.border{ border-color:rgb(123, 100, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 100, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 100, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 100, 65);  
box-shadow:4px 4px 4px 4px rgb(123, 100,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 102.8870, -18.6783, 17.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 100, 65) }
```

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

```
.background{ background-color: rgb(123,  
100, 65) }
```

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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