

Converting Colors

YUV(76.8870, -18.6783,
17.6391)

Have a look what the booklet for
YUV(76.8870, -18.6783, 17.6391)
contains.

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Color

**YUV(76.8870, -18.6783,
17.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	614A27
RGB	97, 74, 39
RGB Percent	38%, 29%, 15%
CMY	0.6196, 0.7098, 0.8471
CMYK	0.00, 0.24, 0.60, 0.62
HSL	36°, 43%, 27%
HSV	36°, 60%, 38%
XYZ	7.7448, 7.5854, 2.9754
YIQ	76.8870, 24.9430, -6.0090

Conversions

Conversions Part 2

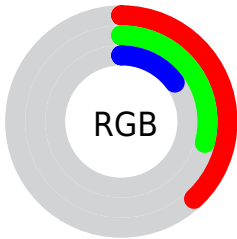
Format	Color
RYB	77, 97, 39
Decimal	6375975
CIELab	33.10, 5.11, 24.42
CIElCh	33, 24.951, 78.179
Yxy	7.5854, 0.4231, 0.4144
Android (android.graphics.Color)	4284566055 (0xFF614A27)
YUV	76.8870, -18.6783, 17.6391
Hunter-Lab	27.5417, 1.9965, 12.8739

Details

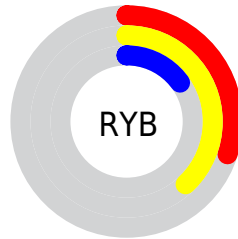
The YUV color **76.8870, -18.6783, 17.6391** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.1130, 18.6783, -17.6391**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.4420, -20.4309, 19.7834**, and **32.2610, -15.9047, 14.6801** is the 20% darker color. If you saturate the color by 10%, you get **73.3990, -21.8887, 20.6981**, and if you desaturate by 10%, it is **80.3750, -15.4679, 14.5801**.

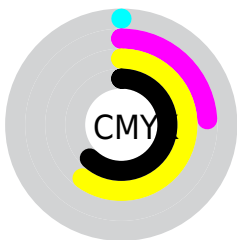
Distribution



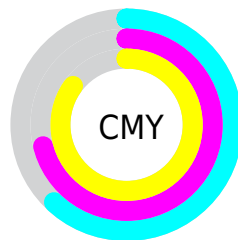
- Red (38%)
- Green (29%)
- Blue (15%)



- Red (30%)
- Yellow (38%)
- Blue (15%)



- Cyan (0%)
- Magenta (24%)
- Yellow (60%)
- Black (62%)



- Cyan (62%)
- Magenta (71%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8870, -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 76.8870, -18.6783, 17.6391 by changing the saturation by 10% instead.

■ 76.8870, -18.6783,
17.6391

■ 76.8870, -18.6783,
17.6391

255.0000, 0.0000,
0.0000

■ 54.1040, -17.7993,
15.6948

■ 126.4420,
-20.4309, 19.7834

■ 32.2610, -15.9047,
14.6801

■ 152.3390,
-20.8731, 21.6277

■ 11.2850, -5.5635,
11.1511

■ 179.4100,
-21.8941, 22.4424

■ 0.0000, 0.0000,
0.0000

■ 206.7090,
-22.0415, 23.0572

■ 232.8010,
-21.5939, 19.4685

■ 250.6680,

-16.5983, 3.7992

253.8600, -4.3680,
0.9998

76.8870, -18.6783,
17.6391

76.8870, -18.6783,
17.6391

73.3990, -21.8887,
20.6981

80.3750, -15.4679,
14.5801

70.0250, -24.6623,
23.6571

83.7490, -12.6943,
11.6211

66.5370, -27.8727,
26.7161

87.2370, -9.4838,
8.5622

63.6360, -31.3725,
29.2602

90.1380, -5.9840,
6.0180

93.6260, -2.7736,
2.9590

■ 97.0000, 0.0000,
0.0000

■ 100.4880, 3.2104,
-3.0590

■ 103.9760, 6.4208,
-6.1180

■ 107.3500, 9.1945,
-9.0769

Harmonies

Analogous

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



77.8050, -14.2009, 28.2350



76.8870, -18.6783, 17.6391



74.7280, -17.6139, 2.8695

Triad

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



76.8870, -18.6783, 17.6391



61.8020, 13.4086, -54.2004



80.1770, 11.7447, 12.9998

Complementary

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



76.8870, -18.6783, 17.6391



59.1130, 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.



78.0540, 18.2144, -8.8174



76.8870, -18.6783, 17.6391



62.6800, 21.8498, -54.9704

Square

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



76.8870, -18.6783, 17.6391



67.5950, 0.6927, -35.6018



70.0290, 22.6637, -35.9824



80.0880, 3.4076, 27.1098

Rectangle

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



76.8870, -18.6783, 17.6391



73.6880, -13.6502, -8.4964



70.0290, 22.6637, -35.9824



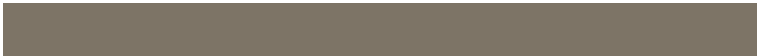
80.1160, 14.2398, 6.0373

Sweetspot

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



76.8870, -18.6783, 17.6391



117.0950, -7.4418, 6.9327



58.9640, 1.4967, 33.3576



58.8820, -4.3788, 4.4885



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



76.8870, -18.6783, 17.6391



93.6080, -28.8937, 27.5308



88.5940, -24.4498, 2.1101



46.9570, -1.4578, 0.9147



73.4040, -36.1882, 33.8487



156.8750, -77.3394, 72.9006

Inverse Universe

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



59.1130, 18.6783, -17.6391



66.3920, 28.8937, -27.5308



47.4060, 24.4498, -2.1101



45.6300, 1.1684, -1.4295



38.5960, 36.1882, -33.8487



83.1250, 77.3394, -72.9006

Previews

White Background



This preview shows how the YUV color 76.8870, -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 ✓ Pass

Black Background



This preview shows how the YUV color 76.8870, -18.6783, 17.6391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

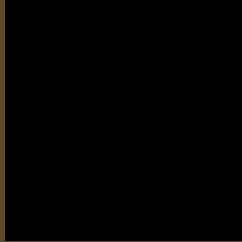
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8870, -18.6783, 17.6391

Background



This preview shows how black text looks on a background with the YUV color 76.8870, -18.6783, 17.6391.



This preview shows how white text looks on a background with the YUV color 76.8870, -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

76.8870, -18.6783, 17.6391

Protanopia

76.0600, -17.7776, 8.7174

Deuteranopia

76.5880, -18.5309, 17.0243



Tritanopia

79.5400, -2.2382, 17.9434

Trichromacy



Original Color

76.8870, -18.6783, 17.6391

Protanomaly

76.6690, -18.0778, 11.6913

Deuteranomaly

76.5880, -18.5309, 17.0243

Tritanomaly

78.3460, -8.0586, 18.1136

Monochromacy



Original Color

76.8870, -18.6783, 17.6391

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9100, -6.8576, 6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8870, -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(97, 74, 39)` looks like.

```
.text, #text, p{  
    color:rgb(97, 74, 39)  
}
```

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(97, 74, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 74, 39) }
```

Border

The CSS property to change the border of an element to YUV 76.8870, -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(97, 74, 39) }
```


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

```
.border{ border-color:rgb(97, 74, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 74, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 74, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 74, 39);  
box-shadow:4px 4px 4px 4px rgb(97, 74, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.8870, -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(97, 74, 39) }
```

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

```
.background{ background-color: rgb(97, 74,  
39) }
```

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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