

Converting Colors

YUV(98.8990, -6.8522, 4.4736)

Have a look what the booklet for
YUV(98.8990, -6.8522, 4.4736)
contains.

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Color

**YUV(98.8990, -6.8522,
4.4736)**

Conversions

Conversions Part 1

Format	Color
Hex	686355
RGB	104, 99, 85
RGB Percent	41%, 39%, 33%
CMY	0.5922, 0.6118, 0.6667
CMYK	0.00, 0.05, 0.18, 0.59
HSL	44°, 10%, 37%
HSV	44°, 18%, 41%
XYZ	11.8105, 12.5226, 10.3890
YIQ	98.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

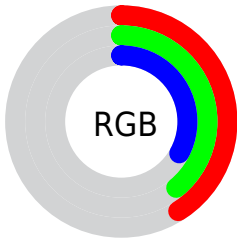
Format	Color
RYB	92, 104, 85
Decimal	6841173
CIELab	42.03, -0.65, 8.67
CIELCh	42, 8.694, 94.259
Yxy	12.5226, 0.3401, 0.3607
Android (android.graphics.Color)	4285031253 (0xFF686355)
YUV	98.8990, -6.8522, 4.4736
Hunter-Lab	35.3873, -2.3537, 7.3648

Details

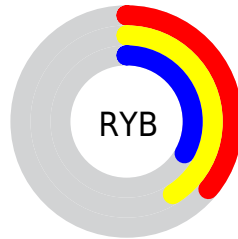
The YUV color **98.8990, -6.8522, 4.4736** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **90.1010, 6.8522, -4.4736**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7850, -7.2890, 4.5736**, and **52.7140, -6.2680, 3.7588** is the 20% darker color. If you saturate the color by 10%, you get **95.9980, -10.3520, 7.0178**, and if you desaturate by 10%, it is **101.8000, -3.3524, 1.9294**.

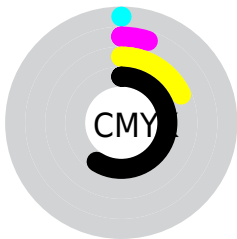
Distribution



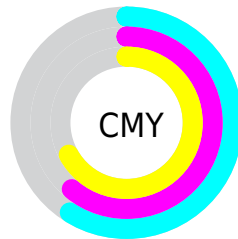
- Red (41%)
- Green (39%)
- Blue (33%)



- Red (36%)
- Yellow (41%)
- Blue (33%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (59%)



- Cyan (59%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.8990, -6.8522, 4.4736 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 98.8990, -6.8522, 4.4736 by changing the saturation by 10% instead.

■ 98.8990, -6.8522,
4.4736

■ 98.8990, -6.8522,
4.4736

■ 255.0000, 0.0000,
0.0000

■ 75.0130, -6.4154,
4.3736

■ 149.7850, -7.2890,
4.5736

■ 52.7140, -6.2680,
3.7588

■ 176.0840, -7.4364,
5.1883

■ 30.9420, -5.3944,
3.5589

■ 203.9700, -7.8732,
5.2883

■ 7.6860, -3.7892,
2.0294

■ 231.9700, -7.8732,
5.2883

■ 0.0000, 0.0000,
0.0000

■ 253.7460, -4.8048,
1.0998

■ 98.8990, -6.8522,
4.4736

■ 98.8990, -6.8522,
4.4736

■ 95.9980, -10.3520,
7.0178

■ 101.8000, -3.3524,
1.9294

■ 93.5700, -14.5780,
9.1471

■ 104.2280, 0.8736,
-0.2000

■ 90.6690, -18.0778,
11.6913

■ 107.1290, 4.3734,
-2.7441

■ 87.6540, -22.0144,
14.3354

■ 110.1440, 8.3100,
-5.3883

■ 84.7530, -25.5142,
16.8796

■ 113.0450, 11.8098,
-7.9325

■ 82.4390, -29.3034,
18.9090

■ 115.3590, 15.5990,
-9.9618

■ 79.4240, -33.2400,
21.5532

■ 118.3740, 19.5356,
-12.6060

■ 76.5230, -36.7398,

■ 121.2750, 23.0354,

24.0973

-15.1502

■ 76.2950, -37.6134,
24.2973

■ 124.2900, 26.9720,
-17.7943

Harmonies

Analogous

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



100.0460, -6.4317, 9.6067



98.8990, -6.8522, 4.4736



97.9090, -5.3781, -1.6742

Triad

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



98.8990, -6.8522, 4.4736



96.8780, 4.9901, -13.9250



100.7390, 2.5937, 8.1219

Complementary

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



98.8990, -6.8522, 4.4736



90.1010, 6.8522, -4.4736

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.



100.0910, 5.3781, 1.6742



98.8990, -6.8522, 4.4736



98.0570, 6.8739, -11.4510

Square

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



98.8990, -6.8522, 4.4736



96.3790, 1.7852, -12.6104



98.8020, 6.9996, -5.0884



100.4360, -1.2009, 11.8956

Rectangle

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



98.8990, -6.8522, 4.4736



97.1580, -3.0359, -6.2776



98.8020, 6.9996, -5.0884



100.6570, 3.6201, 5.5628

Sweetspot

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



98.8990, -6.8522, 4.4736



133.0280, -2.4788, 1.7294



91.2510, -0.6167, 11.1809



67.9570, -1.4578, 0.9147



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



98.8990, -6.8522, 4.4736



126.8840, -10.7888, 7.1177



100.6380, -7.7095, -0.5595



49.8430, -1.8946, 1.0147



84.2800, -41.5500, 26.9414



177.4310, -87.4735, 56.6270

Inverse Universe

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



90.1010, 6.8522, -4.4736



113.1160, 10.7888, -7.1177



88.3620, 7.7095, 0.5595



47.1570, 1.8946, -1.0147



30.7200, 41.5500, -26.9414



65.1560, 87.1841, -57.1418

Previews

White Background



This preview shows how the YUV color 98.8990, -6.8522, 4.4736 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 98.8990, -6.8522, 4.4736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

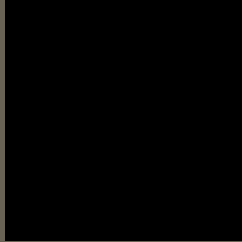
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.8990, -6.8522, 4.4736

Background



This preview shows how black text looks on a background with the YUV color 98.8990, -6.8522, 4.4736.



This preview shows how white text looks on a background with the YUV color 98.8990, -6.8522,

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

98.8990, -6.8522, 4.4736

Protanopia

98.8990, -6.8522, 4.4736

Deuteranopia

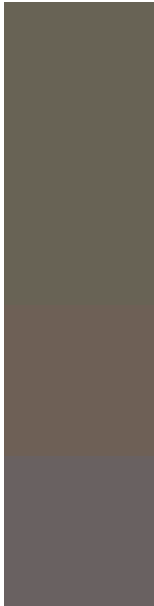
99.6550, -6.7319, 12.5806



Tritanopia

99.9020, 2.0203, 5.3479

Trichromacy



Original Color

98.8990, -6.8522, 4.4736

Protanomaly

98.8990, -6.8522, 4.4736

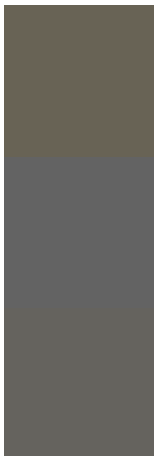
Deuteranomaly

99.0460, -6.4317, 9.6067

Tritanomaly

99.3920, -1.1793, 4.9182

Monochromacy



Original Color

98.8990, -6.8522, 4.4736

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0280, -2.4788, 1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8990, -6.8522, 4.4736 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(104, 99, 85)` looks like.

```
.text, #text, p{  
    color:rgb(104, 99, 85)  
}
```

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(104, 99, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 99, 85) }
```

Border

The CSS property to change the border of an element to YUV 98.8990, -6.8522, 4.4736 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(104, 99, 85) }
```


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

```
.border{ border-color:rgb(104, 99, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 99, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 99, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 99, 85);  
box-shadow:4px 4px 4px 4px rgb(104, 99,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 98.8990, -6.8522, 4.4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 99, 85) }
```

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

```
.background{ background-color: rgb(104, 99,  
85) }
```

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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