

Converting Colors

YUV(99.0980, -18.7823, 4.2991)

Have a look what the booklet for
YUV(99.0980, -18.7823, 4.2991)
contains.

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Color

**YUV(99.0980, -18.7823,
4.2991)**

Conversions

Conversions Part 1

Format	Color
Hex	68683D
RGB	104, 104, 61
RGB Percent	41%, 41%, 24%
CMY	0.5922, 0.5922, 0.7608
CMYK	0.00, 0.00, 0.41, 0.59
HSL	60°, 26%, 32%
HSV	60°, 41%, 41%
XYZ	11.5015, 13.1806, 6.3528
YIQ	99.0980, 13.8030, -13.3730

Conversions

Conversions Part 2

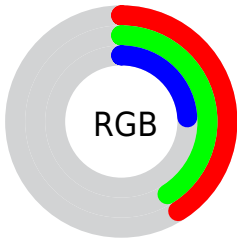
Format	Color
R_{YB}	61, 104, 61
Decimal	6842429
CIE Lab	43.03, -7.15, 24.21
CIE LCh	43, 25.245, 106.446
Yxy	13.1806, 0.3706, 0.4247
Android (android.graphics.Color)	4285032509 (0xFF68683D)
YUV	99.0980, -18.7823, 4.2991
Hunter-Lab	36.3051, -6.9847, 15.0388

Details

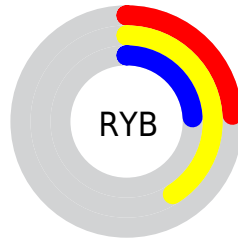
The YUV color **99.0980, -18.7823, 4.2991** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **65.9020, 18.7823, -4.2991**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0550, -20.2401, 5.2138**, and **52.1410, -17.3245, 3.3843** is the 20% darker color. If you saturate the color by 10%, you get **97.9580, -23.1503, 5.2988**, and if you desaturate by 10%, it is **100.2380, -14.4143, 3.2993**.

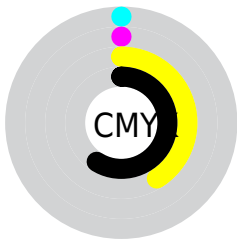
Distribution



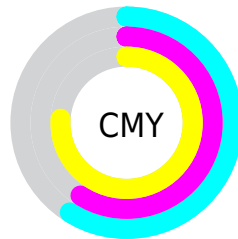
- Red (41%)
- Green (41%)
- Blue (24%)



- Red (24%)
- Yellow (41%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (41%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 99.0980, -18.7823, 4.2991 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 99.0980, -18.7823, 4.2991 by changing the saturation by 10% instead.

■ 99.0980, -18.7823,
4.2991

■ 99.0980, -18.7823,
4.2991

■ 255.0000, 0.0000,
0.0000

■ 74.9130, -18.1981,
3.5843

■ 150.0550,
-20.2401, 5.2138

■ 52.1410, -17.3245,
3.3843

■ 176.9410,
-20.6769, 5.3137

■ 31.2980, -15.4299,
2.3697

■ 204.1260,
-21.2611, 6.0285

■ 8.8050, -4.3409,
-7.7220

■ 232.8980,
-22.1347, 6.2285

■ 0.0000, 0.0000,
0.0000

■ 250.5540,
-17.0351, 3.8991

■ 253.8600, -4.3680,

0.9998

■ 99.0980, -18.7823,
4.2991

■ 99.0980, -18.7823,
4.2991

■ 97.9580, -23.1503,
5.2988

■ 100.2380,
-14.4143, 3.2993

■ 96.7040, -27.9551,
6.3986

■ 101.4920, -9.6096,
2.1995

■ 95.5640, -32.3231,
7.3984

■ 102.6320, -5.2416,
1.1997

■ 94.3100, -37.1278,
8.4981

■ 103.8860, -0.4368,
0.1000

■ 93.1700, -41.4958,
9.4979

■ 105.0260, 3.9312,
-0.8998

■ 92.1440, -45.4270,
10.3977

■ 106.1660, 8.2992,
-1.8996

■ 107.4200, 13.1039,
-2.9993

■ 108.5600, 17.4719,
-3.9991

■ 109.8140, 22.2767,
-5.0989

Harmonies

Analogous

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



100.9690, -19.7047, 20.1982



99.0980, -18.7823, 4.2991



96.1110, -11.8867, -14.1293

Triad

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



99.0980, -18.7823, 4.2991



86.6690, 21.8552, -56.7147



104.5010, 3.6970, 27.6246

Complementary

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



99.0980, -18.7823, 4.2991



65.9020, 18.7823, -4.2991

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.



104.2200, 13.2025, 12.0851



99.0980, -18.7823, 4.2991



95.1540, 23.0951, -34.3381

Square

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



99.0980, -18.7823, 4.2991



86.9870, 12.8244, -53.4856



101.7980, 19.8196, -10.3468



103.6130, -6.2182, 34.5424

Rectangle

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



99.0980, -18.7823, 4.2991



93.5700, -4.7180, -26.8099



101.7980, 19.8196, -10.3468



104.6900, 7.0548, 23.9509

Sweetspot

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



99.0980, -18.7823, 4.2991



133.1760, -6.9888, 1.5996



73.8570, -6.3385, 26.4354



67.8600, -4.3680, 0.9998



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.



99.0980, -18.7823, 4.2991



127.3620, -29.2655, 6.6985



92.5200, -15.5394, -9.2260



50.4300, -2.1840, 0.4999



101.8900, -50.2318, 11.4975



214.4120, -105.7051, 24.1947

Inverse Universe

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



65.9020, 18.7823, -4.2991



75.6380, 29.2655, -6.6985



72.1810, 15.6868, 8.6113



46.5700, 2.1840, -0.4999



13.1100, 50.2318, -11.4975



27.5880, 105.7051, -24.1947

Previews

White Background



This preview shows how the YUV color 99.0980, -18.7823, 4.2991 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 99.0980, -18.7823, 4.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

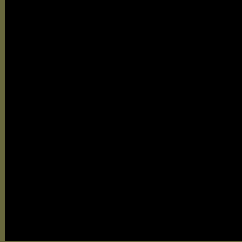
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

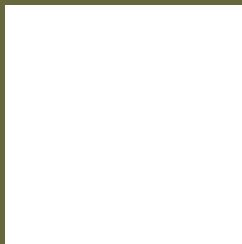
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 99.0980, -18.7823, 4.2991

Background



This preview shows how black text looks on a background with the YUV color 99.0980, -18.7823, 4.2991.



This preview shows how white text looks on a background with the YUV color 99.0980, -18.7823,

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

99.0980, -18.7823, 4.2991

Protanopia

99.9030, -19.6722, 9.7321

Deuteranopia

100.8980, -18.6837, 19.3835



Tritanopia

102.7880, 1.5835, 5.4479

Trichromacy



Original Color

99.0980, -18.7823, 4.2991

Protanomaly

99.5930, -19.5193, 7.3729

Deuteranomaly

100.4520, -18.9568, 13.6356

Tritanomaly

101.5400, -5.6892, 4.7884

Monochromacy



Original Color

99.0980, -18.7823, 4.2991

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.1760, -6.9888, 1.5996

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.0980, -18.7823, 4.2991 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, 104, 61)` looks like.

```
.text, #text, p{  
    color:rgb(104, 104, 61)  
}
```

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, 104, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 104, 61) }
```

Border

The CSS property to change the border of an element to YUV 99.0980, -18.7823, 4.2991 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, 104, 61) }
```


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

```
.border{ border-color:rgb(104, 104, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 104, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 104, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 104, 61);  
box-shadow:4px 4px 4px 4px rgb(104, 104,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 99.0980, -18.7823, 4.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 104, 61) }
```

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

```
.background{ background-color: rgb(104,  
104, 61) }
```

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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